



AO

TRIBUNAL DE JUSTIÇA DO ESTADO DO AMAZONAS

PROPOSTA COMERCIAL

PREGÃO ELETRÔNICO: 022/2026

PROCESSO: 2025/000022080-00

OBJETO: Aquisição de sistema de vídeo wall para o Plenário Ataliba David Antônio, incluindo o fornecimento, instalação e treinamento, conforme condições e exigências estabelecidas neste instrumento e seus anexos.

DADOS DA EMPRESA		
Razão Social: Teltex Tecnologia S.A.		
CNPJ: 73.442.360/0003-89		
Inscrição Estadual: 083.483.89-6		
Inscrição Municipal: 4679988		
Endereço: Rod. Gov. Mário Covas, SN, KM 279, Sala 79, Jacury, Serra/ES, CEP 29161-230		
Telefone: (11) 3840-6400		
E-mail: licitacoes@teltex.com.br		
DADOS BANCÁRIOS		
Banco: Santander (033)	Agência: 1064	Conta Corrente: 130036631
DADOS DO REPRESENTANTE LEGAL PARA ASSINATURA CONTRATO		
Nome: Valmor Fernandes Rosa Filho (brasileiro, administrador, casado)		
Cargo: Diretor Presidente		
RG: 60.347.955-49 SSP/RS		
CPF: 553.691.380-87		
E-mail: juridico@teltex.com.br		

ITEM	DESCRIÇÃO	MARCA	MODELO	UND.	QTD.	VALOR UNITÁRIO (R\$)	VALOR GLOBAL (R\$)
1	PAINEL DE LED 160" POLEGADAS, PITCH PIXEL P1.2	1. UNIVIEW 2. TELTEX	1. LED UNV MW7812-FI-CF (6X6 -> 36 PEÇAS) MAINTENANCE TOOLS: HB-L001-Z (1 PEÇA) WALL MOUNT BRACKET: HB-L006 (36 PEÇAS) ALL IN ONE BOARD (SPARE PARTS 10%): MW78-FI-CF-HUB-RM (4 PEÇAS) MODULE (SPARE PARTS 10%): MW78812-FI-CF-RM (29 PEÇAS) 2. ACESSÓRIOS NECESSÁRIOS	UND.	3	214.000,00	642.000,00
2	TRANSMISSOR DE VÍDEO HDMI SOBRE IP	1. AVCIT 2. KILOVIEW 3. TELTEX	1. 01X AVCIT 4K60 4:4:4 KVM ENCODER - HDMI + SDI 2. 01X KILOVIEW E3 ENCODER 3. ACESSÓRIOS NECESSÁRIOS	UND.	4	12.500,00	50.000,00
3	RECEPTOR DE VÍDEO HDMI SOBRE IP	1. AVCIT 2.	1. 01X AVCIT 4K60 4:4:4 KVM DECODER - HDMI + SDI	UND.	4	20.500,00	82.000,00



		KILOVIEW 3. TELTEX	2. 01X KILOVIEW D350 DECODER 3. ACESSÓRIOS NECESSÁRIOS				
4	UNIDADE DE PROCESSAMENTO E CONTROLE DE PAINEL DE LED COM CAPACIDADE DE 6,5 MEGA PIXELS	1. NOVASTAR 2. TELTEX	1. VX 1000 - INCLUSO: MÓDULO SDI (ENTRADA 3G-SDI) MÓDULO GENLOCK (BNC) MÓDULO SFP FIBRA LICENÇAS HABILITADAS 2. ACESSÓRIOS NECESSÁRIOS	UND.	3	21.000,00	63.000,00
5	INTERFACE DE OPERAÇÃO SEM FIO	1. APPLE + IPOINT 2. TELTEX	1. APPLE IPAD (A16) 11- INCH + IPOINT CONNECT PRO CASE + CONNECT HANDSTRAP + CONNECT STANDLE + CONNECT MOUNT TILT POE+ 2. ACESSÓRIOS NECESSÁRIOS	UND.	1	6.500,00	6.500,00
6	SERVIÇO DE INSTALAÇÃO E CONFIGURAÇÃO EM PLENÁRIO	1. TELTEX	1. TELTEX	UND.	1	38.000,00	38.000,00
7	SERVIÇO DE TREINAMENTO	1. TELTEX	1. TELTEX	UND.	1	24.000,00	24.000,00
VALOR TOTAL OFERTADO (R\$)							905.500,00

VALOR TOTAL DA PROPOSTA: R\$ 905.500,00 (NOVECIENTOS E CINCO MIL E QUINHENTOS REAIS)

DAS EXIGÊNCIAS DA PROPOSTA:

Validade da proposta: 60 (sessenta) dias.

Observação: Estão inclusos nos preços supramencionados todos os custos diretos e indiretos, inclusive de embalagens, transportes ou fretes, e ainda os resultantes da incidência de quaisquer tributos, contribuições ou obrigações decorrentes da legislação trabalhista, fiscal e previdenciária a que estiver sujeito.

Declaro que possuo capacidade operacional e técnica para atendimento a todos os requisitos deste Edital e seus anexos.

Serra/ES, 27 de março de 2026

TELTEX TECNOLOGIA S.A.

Felipe Pinheiro Vitorino

Procurador

RG 32.949.497-1 SSP/SP

CPF 346.492.388-62

AO
TRIBUNAL DE JUSTIÇA DO ESTADO DO AMAZONAS

DECLARAÇÕES EM GERAL

PREGÃO ELETRÔNICO: 022/2026

PROCESSO: 2025/000022080-00

OBJETO: Aquisição de sistema de vídeo wall para o Plenário Ataliba David Antônio, incluindo o fornecimento, instalação e treinamento, conforme condições e exigências estabelecidas neste instrumento e seus anexos.

FELIPE PINHEIRO VITORINO, portador da cédula de identidade RG sob o nº 32.949.497-1 SSP/SP e inscrito no CPF/MF sob o nº 346.492.388-62, brasileiro, solteiro, coordenador de licitações, com endereço comercial na Rua França Pinto, 1089, Vila Mariana, São Paulo/SP, CEP 04016-034, como representante devidamente constituído da empresa **TELTEX TECNOLOGIA S.A.**, inscrita no CNPJ nº 73.442.360/0003-89, com Inscrição Estadual nº 083.483.89-6 e Inscrição Municipal nº 4679988, situada na Rodovia Governador Mário Covas, SN, KM 279, Sala 79, Jacuhy, Serra/ES, CEP 29161-230, e-mail licitacoes@teltex.com.br e telefone (11) 3840-6400, doravante denominado Licitante, em atendimento ao disposto no edital do Pregão Eletrônico nº 022/2026, **DECLARA**, sob as penas da lei, em especial o art. 299 do Código Penal Brasileiro, que:

- a) A proposta anexa foi elaborada de maneira independente pelo Licitante, e que o conteúdo da proposta anexa não foi, no todo ou em parte, direta ou indiretamente, informado a, discutido com ou recebido de qualquer outro participante potencial ou de fato do Pregão Eletrônico nº 022/2026, por qualquer meio ou por qualquer pessoa;
- b) A intenção de apresentar a proposta anexa não foi informada a, discutido com ou recebido de qualquer outro participante potencial ou de fato do Pregão Eletrônico nº 022/2026, por qualquer meio ou por qualquer pessoa;
- c) Que não tentou, por qualquer meio ou qualquer pessoa, influir na decisão de qualquer outro participante potencial ou de fato do Pregão Eletrônico nº 022/2026 quanto a participar ou não da referida licitação;
- d) Que o conteúdo da proposta anexa não será, no todo ou em parte, direta ou indiretamente, comunicado a ou discutido com qualquer outro participante potencial ou de fato do Pregão Eletrônico nº 022/2026 antes da adjudicação do objeto da referida licitação;
- e) Que o conteúdo da proposta anexa não foi, no todo ou em parte, direta ou indiretamente, informado a, discutido com ou recebido de qualquer integrante do Tribunal de Justiça do Amazonas antes da abertura oficial das propostas; e
- f) Que está plenamente ciente do teor e da extensão desta declaração e que detém plenos poderes e informações para firmá-la.

Serra/ES, 27 de março de 2026

TELTEX TECNOLOGIA S.A.

Felipe Pinheiro Vitorino

Procurador

RG 32.949.497-1 SSP/SP

CPF 346.492.388-62



PROCURAÇÃO

OUTORGANTE:

TELTEX TECNOLOGIA S/A, inscrita no CNPJ nº 73.442.360/0001-17, com Inscrição Estadual nº 131.271.080.112 e Inscrição Municipal nº 6.952.415-7, localizada na Rua França Pinto, 1089, Andar 1 e 2, Bairro Vila Mariana, São Paulo/SP, CEP 04016-034, e-mail juridico@teltex.com.br e telefone (11) 3840-6400, neste ato representada pelo seu Diretor Presidente, Sr. **VALMOR FERNANDES ROSA FILHO**, portador da cédula de identidade RG nº 60.347.955-49 SSP/RS e inscrito no CPF/MF sob o nº 553.691.380-87, brasileiro, casado, administrador de empresas, com endereço residencial na Avenida Iraí, 407, Ap. 171, Indianópolis, São Paulo/SP, CEP 04082-001.

OUTORGADO:

FELIPE PINHEIRO VITORINO, portador da cédula de identidade RG nº 32.949.497-1 SSP/SP e inscrito no CPF/MF sob o nº 346.492.388-62, brasileiro, solteiro, coordenador de licitações, com endereço comercial na Rua França Pinto, 1089, Bairro Vila Mariana, São Paulo/SP, CEP 04016-034.

PODERES:

Através do presente instrumento particular de mandato, o Outorgante constitui como seu procurador o Outorgado, a quem confere poderes para representá-lo, incluindo todas as filiais, em todo e qualquer processo licitatório, em todas as modalidades de licitação previstas em lei (concorrência, concurso, leilão, pregão presencial ou eletrônico e diálogo competitivo) e em qualquer esfera administrativa (municipal, estadual, distrital ou federal), perante quaisquer órgãos e repartições da administração pública direta ou indireta, empresas públicas, podendo praticar todos os atos necessários à participação e à defesa dos interesses da outorgante em licitações, incluindo, mas não se limitando a: formular, assinar e protocolar propostas de preços, documentos de habilitação e demais documentos pertinentes; participar de sessões públicas; formular ofertas e lances, verbais ou escritos, durante as sessões públicas; impugnar editais e solicitar esclarecimentos; formular e interpor recursos administrativos, apresentar contrarrazões, realizar pedidos de reconsideração e esclarecer diligências.

A presente procuração é outorgada por 12 (doze) meses a contar da data de assinatura.

São Paulo/SP, 12 de novembro de 2025

Assinado digitalmente por:
VALMOR FERNANDES ROSA
FILHO
CPF: 553.691.380-87
Certificado emitido por 11º
TABELIÃO DE NOTAS DA
CAPITAL - SÃO PAULO/SP
Data: 17/11/2025 15:31:36 -03:00

Reconheço a assinatura de VALMOR FERNANDES
ROSA FILHO (553.691.380-87) em 17/11/2025
15:31:45 -03:00, São Paulo/São Paulo

Valmor Fernandes Rosa Filho
Em Testemunho da Verdade:
SÃO PAULO/SP, 17/11/2025 15:31:45 -03:00
PAULO AUGUSTO RODRIGUES CRUZ-TABELIÃO
11º TABELIÃO DE NOTAS DA CAPITAL - SÃO
PAULO/SP
Código de validação:
ERN76ZUZAMUJKWA4XAED
Data: 17/11/2025 15:31:45 -03:00



SP - Rua França Pinto, 1089, Vila Mariana - São Paulo, SP - CEP 04016-030
RS: Rua Anita Garibaldi, 50 - Centro - Canoas, RS - CEP: 92010-100
PE: Rua Comendador Bento Aguiar 77 - Madalena - Recife, PE - CEP 50720705
ES: Rod. Gov. Mário Covas, s/n, Km 279 - Serra, ES - CEP: 29262-382
Miami: 409 NW 10th Terrace, Hallandale Beach, FL - ZIP 33009

teltex.com.br
11 3840 6400
comercial@teltex.com.br
linkedin/teltextecnologia



REPÚBLICA FEDERATIVA DO BRASIL

ESTADO DE SÃO PAULO

8000-2

SECRETARIA DA SEGURANÇA PÚBLICA

INSTITUTO DE IDENTIFICAÇÃO RICARDO GUMBLETON DAUNT

PROIBIDO PLASTIFICAR



Handwritten signature: Felipe Anderson Vitorino

ASSINATURA DO TITULAR

CARTEIRA DE IDENTIDADE

VÁLIDA EM TODO O TERRITÓRIO NACIONAL

REGISTRO GERAL

32.949.497-1

DATA DE EXPEDIÇÃO

10/JUL/2008

NOME

FELIPE PINHEIRO VITORINO

FILIAÇÃO

JOSE CARLOS VITORINO

E

DEOLINDA PINTO PINHEIRO VITORINO

NATURALIDADE

S. PAULO -SP

DATA DE NASCIMENTO

31/JUL/1987

DOC ORIGEM

SÃO PAULO SP
BELA VISTA

CN:LV.A154/FLS.181V/N.093034

CPF

346492388/62

ASSINATURA DO DIRETOR

Handwritten signature: Divisório

LEI Nº 7.116 DE 29/08/83

O presente documento digital foi conferido com o original e assinado digitalmente por Ademir Souza dos Santos, em 09 de dezembro de 2024, 12:00:29 GMT-03:00, CN:12.272-1 - OFICIAL DE REGISTRO CIVIL DAS PESSOAS NATURAIS DO 2º SUBDISTRITO - JARDIM AMÉRICA/SP, nos termos da medida provisória N. 2.200-2 de 24 de agosto de 2001. Sua autenticidade deverá ser confirmada no endereço eletrônico www.cenad.org.br/autenticidade. O presente documento digital pode ser convertido em papel por meio de autenticação no Tabelionato de Notas. Provimto nº 149/2023 CNJ - artigo 305.

COB LED Display Unit

MW7812-FI-CF



MW7812-FI-CF COB LED Display

Features

- Adopts COB technology, anti-collision and waterproof, IP65(front).
- Adopts flip-chip technology, no wire bonding, stable and reliable, high luminous efficiency, energy efficient.
- Advanced grayscale gives detailed and realistic images.
- Seamlessly splices images without black lines on the screen.
- Modular installation with a magnetic suction tool, simple and stylish appearance, easy installation.
- Supports front maintenance and wall mount.
- Ultra-slim design takes up less space.
- Long lifetime.
- Low heat, excellent heat dissipation, no noise.
- Low failure rate and maintenance cost.
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.
- High refresh rate and frame frequency provide high image quality without ghosting or smearing.
- Internal connection cable free design.

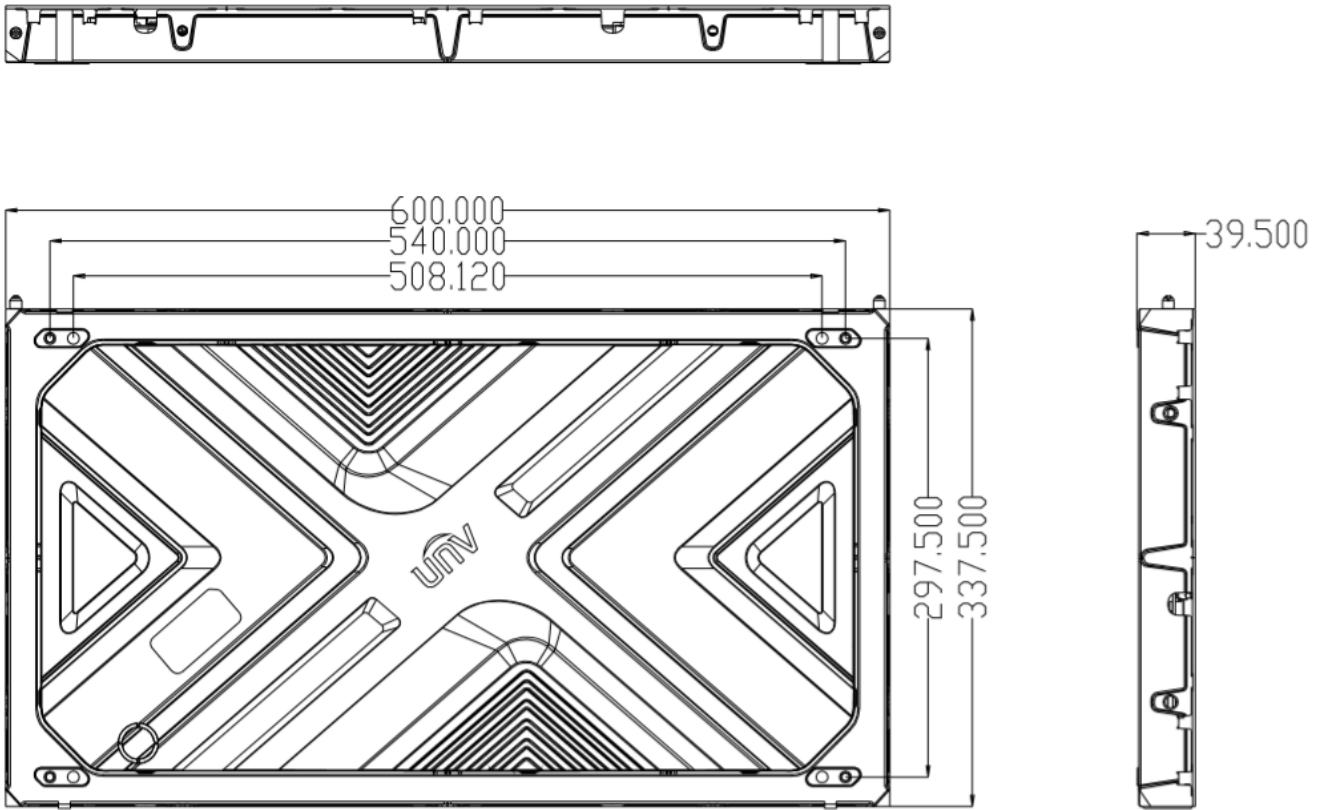
Specifications

Model	MW7812-FI-CF
Module	
Encapsulation method	Flip-chip COB common cathode
Pixel pitch (mm)	1.25
Dimensions (W*H)(mm)	150*168.75
Resolution (W*H)	120*135
Unit	
Dimensions (W*H*D)(mm)	600*337.5*39.5
Resolution (W*H)	480*270
Pixel density (pitch/m ²)	640000
Surface evenness (mm)	≤0.1
Weight (with modules)(kg)	4
Optical	
Single pixel brightness correction	Support
Single pixel color correction	Support
Brightness (nits)	600
Color temperature (K)	6500K to 12000K adjustable
Viewing angle (H/V)	170°/160°
Brightness uniformity	≥97%
Color uniformity	±0.003Cx,Cy
Contrast ratio	20000:1
Processing performance	
Drive mode	Constant current driving
Scanning mode	60S
Frame frequency (Hz)	50/60
Grayscale	14bit
Refresh rate (Hz)	≥3840
Electrical	
Power supply	AC100 to 240V
Max. power consumption (W/m ²)	270
Average power consumption (W/m ²)	100
General	
Maintenance mode	Front maintenance
Ingress protection (front)	IP65
Operating temperature	-10°C to +40°C
Operating humidity	10% to 90%RH, non-condensing
Storage temperature	-20°C to +60°C

Storage humidity	10% to 90%RH, non-condensing
LED lifetime (H)	100000

Appearance

Dimensions



Ordering Information

Model	Remarks
MW7812-FI-CF	COB LED Display Unit (dimensions: 600mm*337.5mm)

Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

©2023 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

* Product specifications and availability are subject to change without notice.



AVCIT 4K@60 KVM Encoder - HDMI

The H.265 based DSIII 4K KVM Encoder (HDMI + HDMI) is designed to transmit UHD video + USB-HID + RS232 + IR over standard 1GB IT network, with low latency and high image quality. It would be configured as a KVM encoder to combine as an integrated and visualized Video Wall Controller & KVM over IP System.

- Applications: Control Room, Network Operation Center (NOC), Security Operation Center (SOC), Emergency Operation Center (EOC), Joint Operation center(JOC), Airport Operation Center(AOC), Traffic Operation Center(TOC), Board Room, Meeting Room etc.
- Industries: Government, Public Security, Finance, Telecomm, Energy & Utility, Oil & Gas, Transportation, Aviation, Military & Defense, Armed Force, Smart City, Broadcasting, Sea Port, Offshore, Enterprise etc.

Request A Solution →

Specification Highlights Schematic Video

Specification of 4K@60 KVM Encoder - HDMI

Video Port	HDMI INx1, HDMI LOOP OUT x1
USB Port	USB Host x1, USB 3.0
Audio Port	AUDIO IN x1, AUDIO OUTx1
Control Port	RS232 x1, IO/IR x3
Network Port	RJ45x1, Fiber Optic x1
Resolution	Support 5120x2160@60, 3840x2160@60 and downward compatibility
Protocol	H.265/H.264, RTSP, ONVIF, HDCP and HDMI 2.0
Bandwidth	4-20 Mbps configurable for per streaming
Transmission Distance	90 meters over CAT6 cable or 10 km over fiber
Audio Control	audio matrix switching, audio mixing, embed and de-embed feature
Power Supply	PoE (802.3 AT) or 12V 2.6A Power Adapter

Highlights of 4K@60 KVM Encoder - HDMI

Transmit UHD video in low latency over configurable bandwidth of 4-20 Mbps.

Distributed computing technology, no need additional server to process signal

Redundant power supply by both PSU and POE available

PRODUCTS

- AI Edge Computing Platform
- IP Based Video Wall Controller - DSII
- IP Based KVM - DSIII
- AVCIT 2K KVM Over IP
- AVCIT 4K KVM Over IP
 - 4K KVM Encoder - HDMI + DP
 - 4K@60 KVM Encoder - HDMI
 - 4K KVM Encoder - HDMI + HDMI
 - 4K KVM Encoder - HDMI
 - 4K KVM Decoder - HDMI
- 4K60 4:4:4 KVM Over IP
- 5K KVM over IP
- Fiber KVM Matrix - Phinx
- Video Wall Matrix Switch - Mixing
- Optional Platform/Software for DS.X

Demo Video about 4K KVM over IP

Related Products of AVCIT 4K KVM Over IP

News & Events

Sign up to Receive Updates from AVCIT

Subscribe Now →

Solutions

- Transportation Operation Center
- Airport Operation Center
- Control Room
- Network Operation Center
- Security Operation Center
- Emergency Operation Center
- Meeting Room

Products

- AI Edge Computing Platform
- IP Based Video Wall Controller - DSII
- IP Based KVM - DSIII
- Fiber KVM Matrix - Phinx
- Video Wall Matrix Switch - Mixing
- Optional Platform/Software for DS.X

QUICK LINKS

- About AVCIT
- News & Events
- Downloads
- Warranty and RMA
- Join us

Inquiry Now



Tel: +86-20-8930-1184



E-mail: Inquiry@avcit.com



Add: AVCIT Tower, No. 83 Qide Road, Baiyun District, Guangzhou 510440, China





E3 4K Multi-interface Video Encoder

All Your Interfaces. One Professional 4K Encoder.

E3

[Downloads](#)

[Specifications](#)

[Related Products](#)



E3 is a new-generation professional video encoder that combines powerful performance and flexibility in a compact unit. It supports HDMI input up to 4K@30, 3G-SDI input up to 1080p60, and USB input, encoding in both H.264 (AVC) and H.265 (HEVC) formats. E3 can encode either HDMI or SDI video independently, or combine both in PIP (Picture-in-Picture) or PBP (Picture-by-Picture) modes.

Designed for professional IP-based workflows, E3 supports a comprehensive range of protocols including NDI HX3/HX2, SRT, RTMP/ RTMPS, RTSP, HLS, WHIP, TS over UDP, and RTP, with support for up to 8 concurrent streams.

[Get a Demo](#) [Brochure](#)

H.265 Encoding with 50% Bandwidth Savings

E3 supports HEVC (H.265), enabling up to 50% lower bitrate compared to H.264 without sacrificing image quality. This reduces network load and ensures stable transmission, even under limited bandwidth conditions—while maintaining excellent visual fidelity.



Multiple Inputs, Flexible Encoding

The E3 features 4K HDMI, 3G-SDI, and USB inputs (HDMI/SDI support loop through), enabling it to be flexibly applied in either broadcast level production or pro-AV scenarios.

E3 can support seamless switching among three inputs and encode either source independently, or it supports simultaneous encoding from both inputs up to 1080p60, even it support for PIP (Picture-in-Picture) from HDMI and SDI inputs.



Multi-Protocols, More Streams Simultaneously

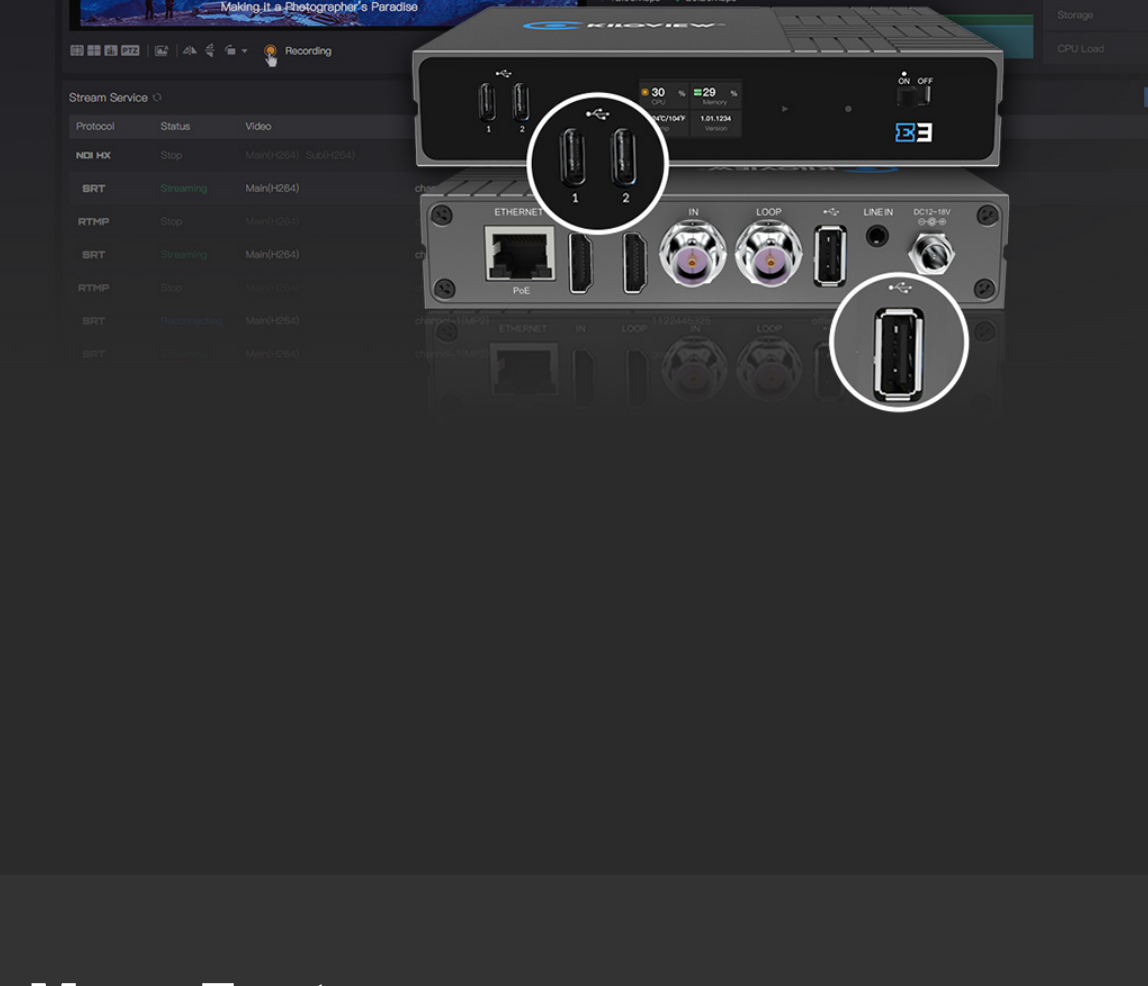
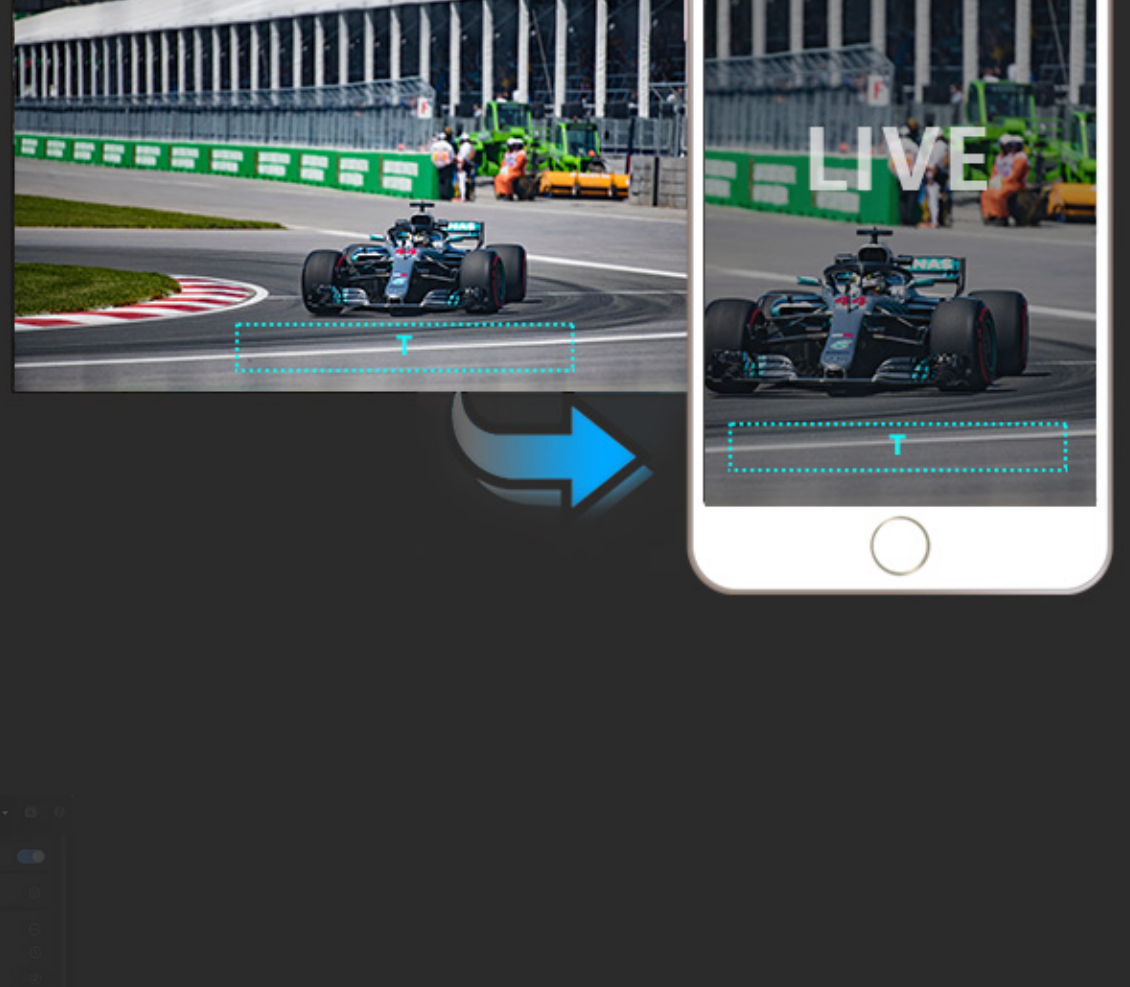
E3 supports a complete range of streaming protocols including NDI HX3/ NDI HX2, SRT, RTMP / RTMPS, HLS, TS over UDP, RTSP, WHIP, and RTP. It supports up to 8 destinations simultaneously, making it possible for live production with NDI HX, remote production with SRT, live streaming with RTMP or any transmission with all different protocols at the same time.

Note: Total combined bitrate for simultaneous streaming should not exceed 160 Mbps.



Pro-Level Video Processing

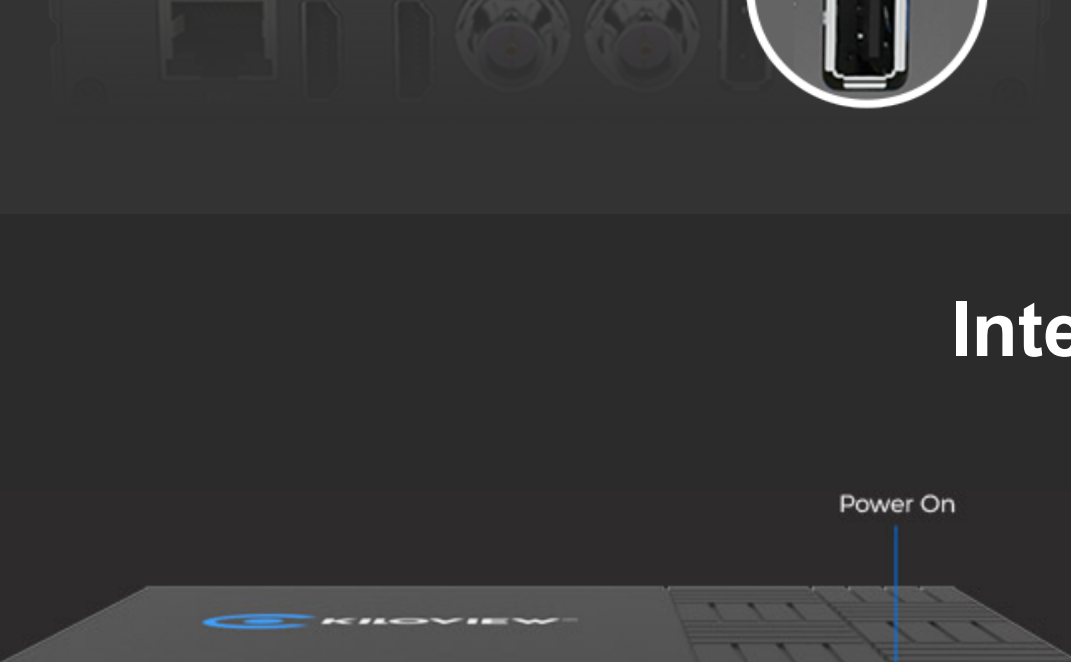
The E3 goes beyond basic encoding—you can crop and rotate your video, making it easy to adapt footage for portrait-mode live streaming or other mobile-phone friendly use cases. It also packs pro-level features like mirroring, VU meter displays, safety area, center line, color adjustments, OSD with text, image, logo etc. Whatever your workflow demands—the E3 has the tools to make it happen.



Reliable Recording While Streaming

All inputs of E3 can be recorded in MOV/MP4 through 3 USB ports or NAS storage. It supports streaming and recording simultaneously for post-production and redundancy.

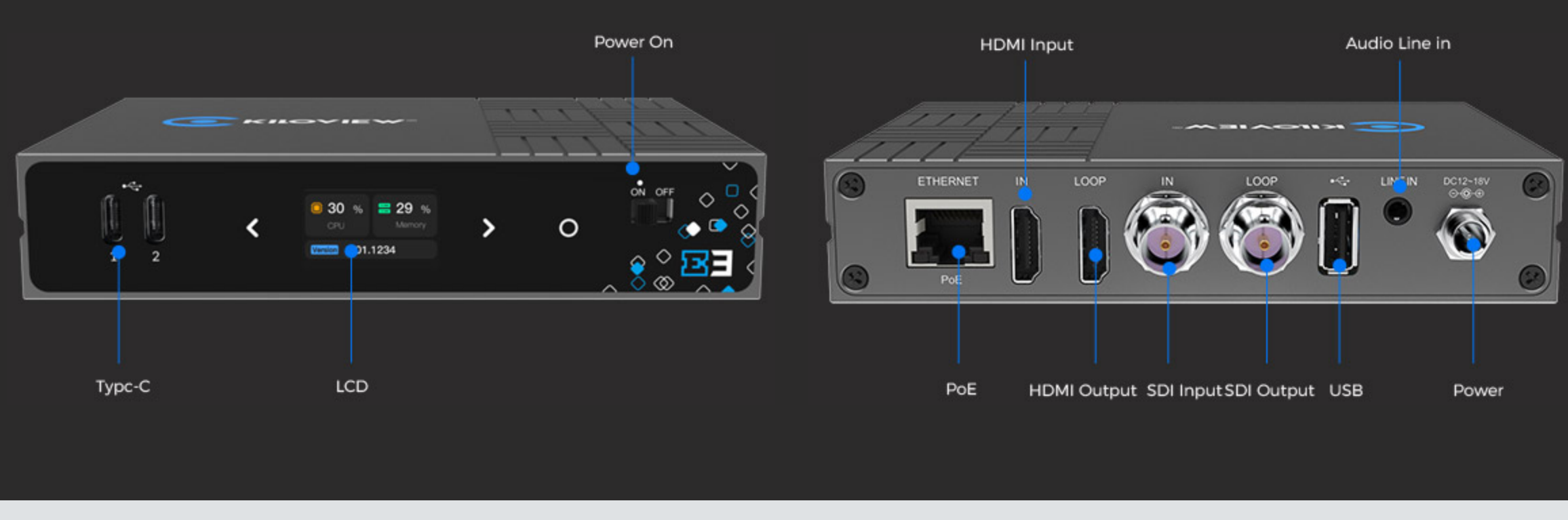
More Features



Rich USB Expanded Functionalities

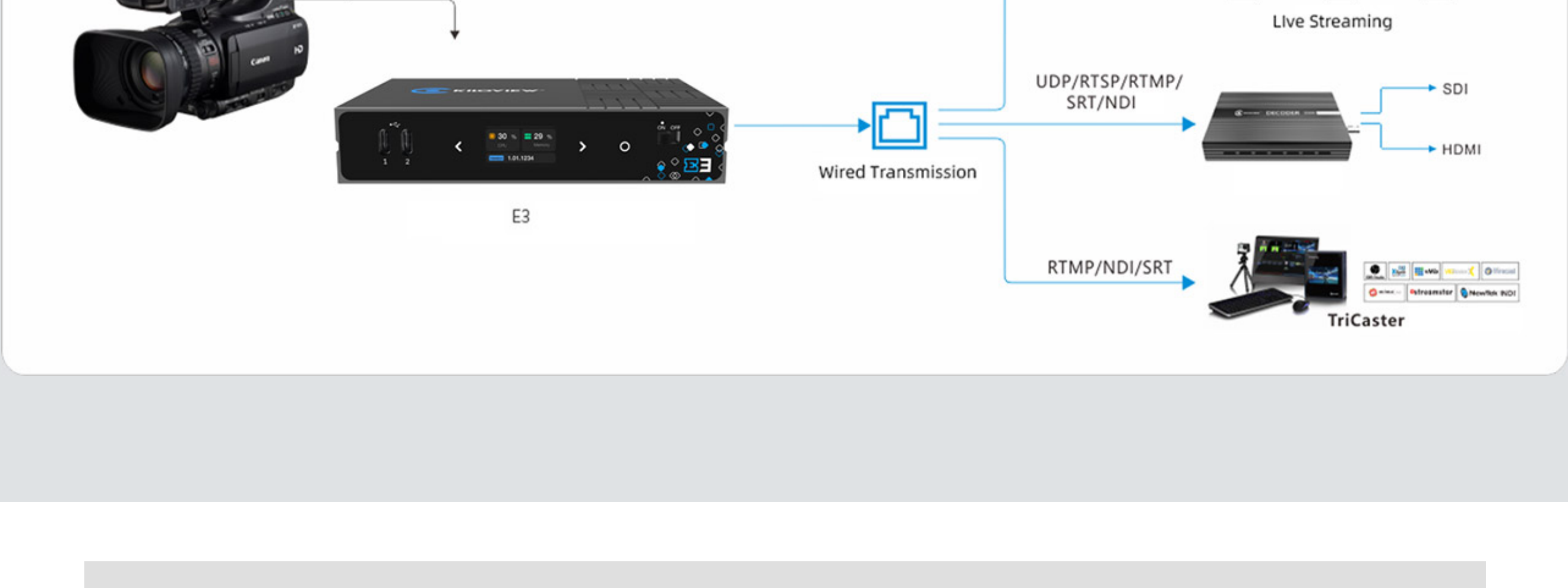
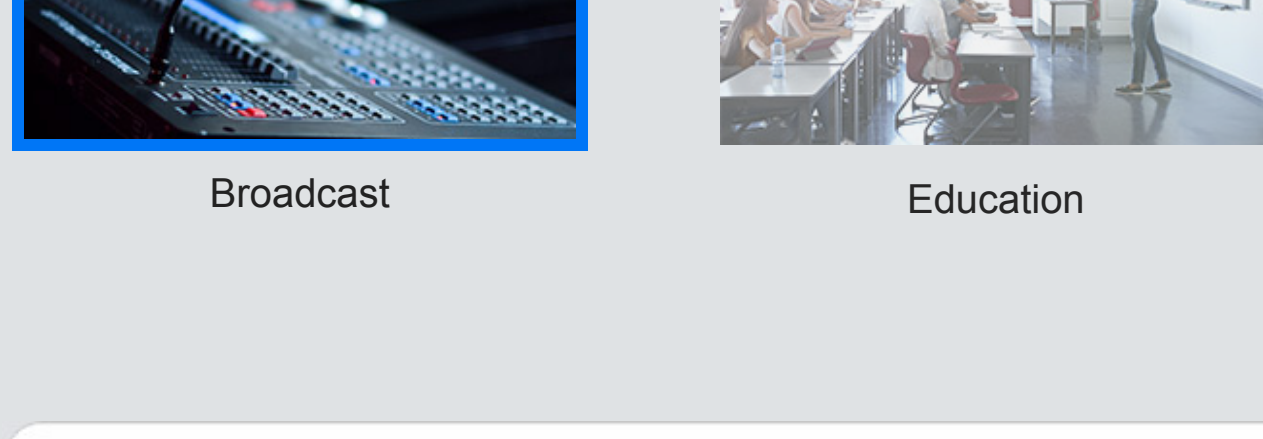
In addition to accepting USB video input, E3 can also support a versatile expanded functions through USB including Tally USB headset for Intercom, PTZ control, USB Storage or recording and other applications through its numerous USB interfaces.

Interfaces



Applications

With its advanced chipset and HEVC compression, E3 delivers high-quality video at lower bitrates—ideal for broadcast, education, house of worship, sports, and more.



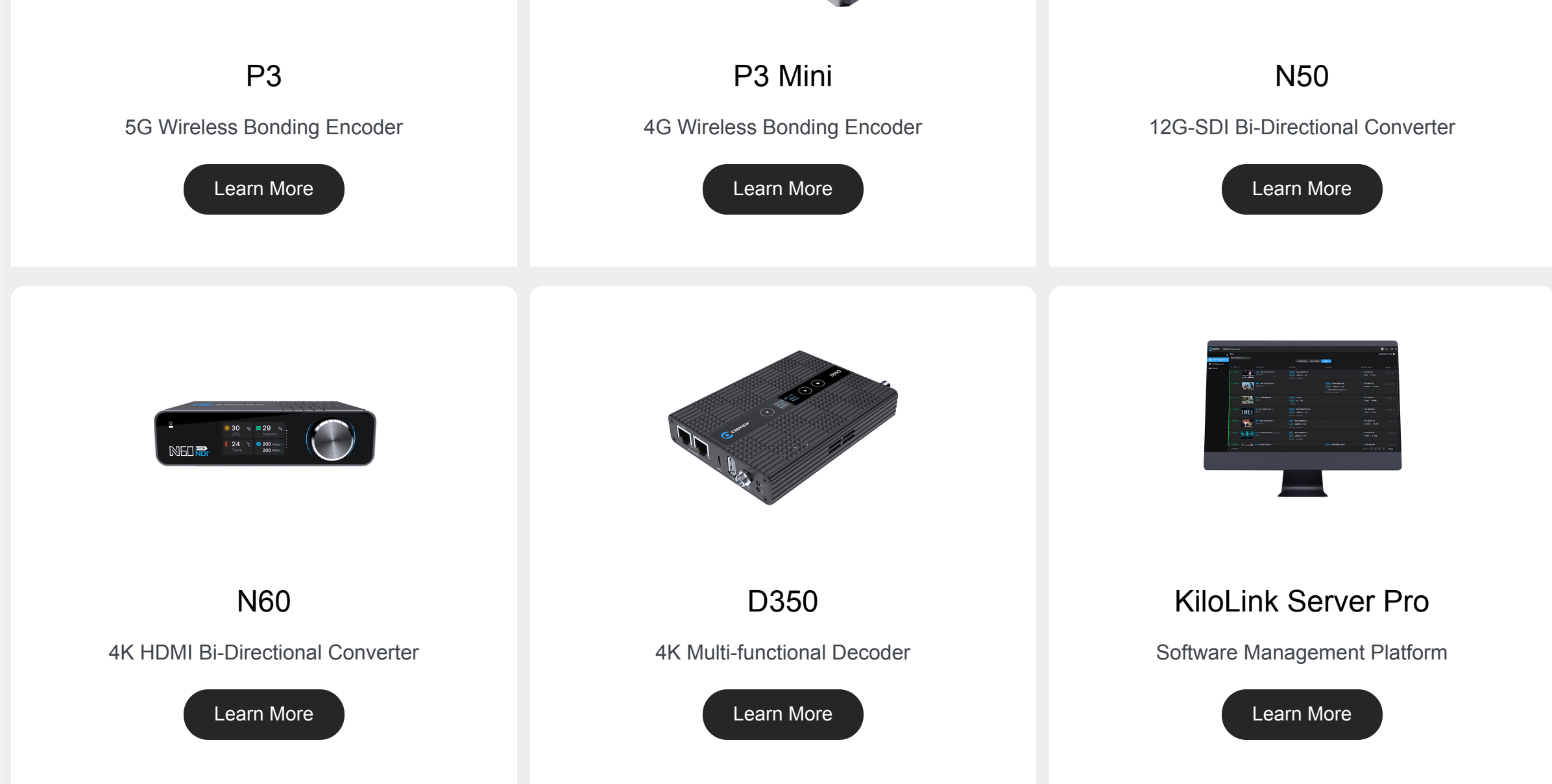
Downloads

- [E3-Quick Guide.pdf](#)
- [E3-User Manual.pdf](#)
- [E3-Datasheet.pdf](#)

Specifications

Model	E3
Video Resolution	HDMI Input/Loop out : 3840x2160p 30fps 1920x1080p 23.98/24/25/29.97/30/50/59.94/60fps 1920x1080i 50/59.94/60fps 1280x720p 29.97/30/50/59.94/60fps 720x576i 50fps (PAL SD) 720x480i 59.94fps (NTSC SD)
Video Port	SDI Input/Loop out: 1920x1080p 23.98/24/25/29.97/30/50/59.94/60fps 1920x1080i 50/59.94/60fps 1280x720p 29.97/30/50/59.94/60fps 720x576i 50fps (PAL SD) 720x480i 59.94fps (NTSC SD)
Video Encoding	H.265(HEVC), H.264(AVC), M-JPEG
Streaming Protocols	NDI HX3/NDI HX2/NDI HX1/SRT/RTMP/ RTMPS/ WHIP/HLS/TS over UDP/RTSP
Interlaced Video Support	Supports interlaced video input but only progressive encoding and streaming output
Audio Port	1*3.5mm Line in
Audio Encoding	AAC, G.711, MP3
Audio Channels	• 4-channel SDI embedded audio • 4-channel HDMI embedded audio • 4-channel USB embedded audio • 1*3.5mm Line in 2-channel audio
Network Port	1 x 100Mbps Ethernet Ports (supports PoE)
Physical Controls	1.14" LCD color display, touch buttons
Pre-encoding Processing	Rotation, Mirroring, Cropping
SEI Timecode	Synchronized to NTP or system time
Camera Start/Stop Synchronization	SDI Interface supports REC.RUN mode
OSD/Graphics Overlay	Custom images can be added
Management	Web-based UI or centralized management via Kilolink Server Pro
Tally	LCD display serves as Tally
Voice Intercom	Supports USB headsets and communicate via Kiloview Intercom System (KIS)
Recording and Storage	External USB storage or NAS
Recording Formats	MP4, MOV, TS
PTZ Control	• External PTZ control via USB-to-Serial converters (RS-232/RS-485/RS-422) • Network protocol support (e.g. Sony VISCA, Pelco-D, Pelco-P) • LVC PTZ control compatibility
USB Port	• 2 x USB 2.0 Type-C (Front Panel) • 1 x USB 2.0 Type-A (Rear Panel)
Mounting	Cold shoe mounting
Power Supply	DC 12V/1A, PoE (Power over Ethernet)
Power Consumption	<6W
Weight	400g
Dimensions	140*100*28mm
Working Temperature	-20°C~45°C

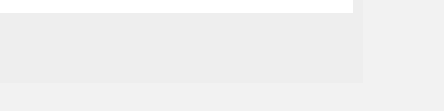
Related Products



Subscribe to our Newsletter!

Be the first to receive exclusive offers and latest news.

[SUBSCRIBE](#)



Product	Solutions & Cases	Support & Services	Resources	About Us
NDI Encoding/Decoding Series	TV Broadcasting	Knowledge Base	Product Brochures	Case Studies
NDI System Products	Healthcare	Docs & Manuals	Brand Guidelines	Events
H.265H.264 Encoders	Education	Firmware Updates		News
H.265H.264 Decoders	Conference	Extend Warranty		Blog
Media Gateway	Sports	Tickets		
Centralized Management Software	Others			
Rackmount Chassis & Module Cards				
Accessories				

Kiloview Electronics Co.,Ltd.

+86 731 8252-3732

+86-155-7666-2088

support@kiloview.com

es@kiloview.com

E3 1001102, Jiahua Intelligence Valley Industrial Park, 877 Huijin Road, Yuhua District, Changsha, China

Welcome to Kiloview! How can we help you today?

[I have a question](#)

[Tell me more](#)



AVCIT 4K60 4:4:4 KVM Decoder - HDMI + SDI

AVCIT 4K60 4:4:4 KVM Decoder-SDI+HDMI powered by ASE (Patented AVCIT-Screen-Encoder) technologies, designed to transmit 4K@60 4:4:4 video + KVM over 4-20 Mbps bandwidth with low latency less to 16.7ms. Inheriting AVCIT's extraordinary AV@IP architecture, DSX Series is with fully distributed and decentralized architecture, No standalone KVM server is required, whether for intuitive video matrix switching or dynamic KVM over IP solutions, a truly all-in-one Command Center Solutions with no single point failure.

- Applications: Control Room, Network Operation Center (NOC), Security Operation Center (SOC), Emergency Operation Center (EOC), Joint Operation center (JOC), Airport Operation Center (AOC), Traffic Operation Center (TOC), Board Room, Meeting Room etc.

[Request A Solution](#)

[Specification](#) [Highlights](#) [Schematic](#) [Video](#)

Specification of 4K60 4:4:4 KVM Decoder - HDMI + SDI

Video Output	HDMI 2.0 x 1, SDI x 1
USB2.0	4
RS232	1
KVM Adapter	1 (Certified High Secure HID transmission)
IR & i/o	Totally 2 Configurable
Audio in/out	1 IN +1 OUT Phoenix
MIC	3.5mm jack x 1
Search (Reset)	1
Ethernet	IEEE 802.3ab 1000BASE-T
SFP(Optional)	SFP Duplex LC Connectors
Power	IEEE 802.3at (30W), PSU-12V2.6A
Compression	ASE (Patented AVCIT-Screen-Encoder) / H.265/H.264
Resolutions	Up to 4096x2160@60 4:4:4
Protocol	RTSP
Image Protocol	HDMI 2.0
Latency	Less to 16.7ms
Consumption	30W


Highlights of 4K60 4:4:4 KVM Decoder - HDMI + SDI



In-built OSD interface to view and control the source PC, no need additional software

Available to decode and control multiple source from different

Compatible with both wired and wireless keyboard mouse or interactive monitor with multi-touch feature



Demo Video about 4K60 4:4:4 KVM Decoder - HDMI + SDI



Related Products of 4K60 4:4:4 KVM Over IP

News & Events

Sign up to Receive Updates from AVCIT

[Subscribe Now](#)

Solutions

- Transportation Operation Center
- Airport Operation Center
- Control Room
- Network Operation Center
- Security Operation Center
- Emergency Operation Center
- Meeting Room

Products

- AI Edge Computing Platform
- IP Based Video Wall Controller - DSII
- IP Based KVM - DSIII
- Fiber KVM Matrix - Phinx
- Video Wall Matrix Switch - Mixing
- Optional Platform/Software for DSX

QUICK LINKS

- About AVCIT
- News & Events
- Downloads
- Warranty and RMA
- Join us

Inquiry Now

Tel: E-mail: Add:



D350 4K Multi-functional Decoder

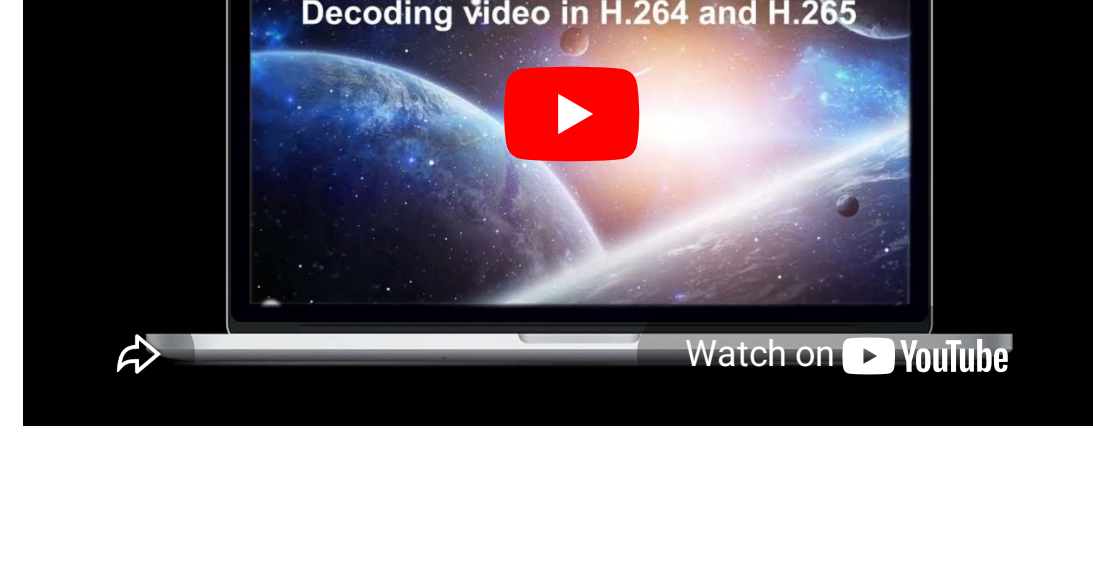
Decode in Multiview. Display in 4K. Master Every Interface.



D350

[Downloads](#) [Specifications](#) [Related Products](#)

D350 - More Than Just a Video Decoder



D350 is a versatile all-in-one 4K decoder for professional applications. It decodes up to 12 simultaneous 1080p60 streams in H.264/265, supporting numerous IP protocols like NDI High Bandwidth, NDI HX, SRT, and RTMP with both 3G-SDI and HDMI outputs, as well as real-time preview on the web UI.

Beyond decoding, the D350 functions as a hardware-based multiviewer and a professional video processor, featuring customizable layouts, dynamic switching, and graphic overlays. It also integrates audio monitoring and PTZ control, making it a comprehensive solution for high-end video workflows.

[Get a Demo](#) [Brochure](#)

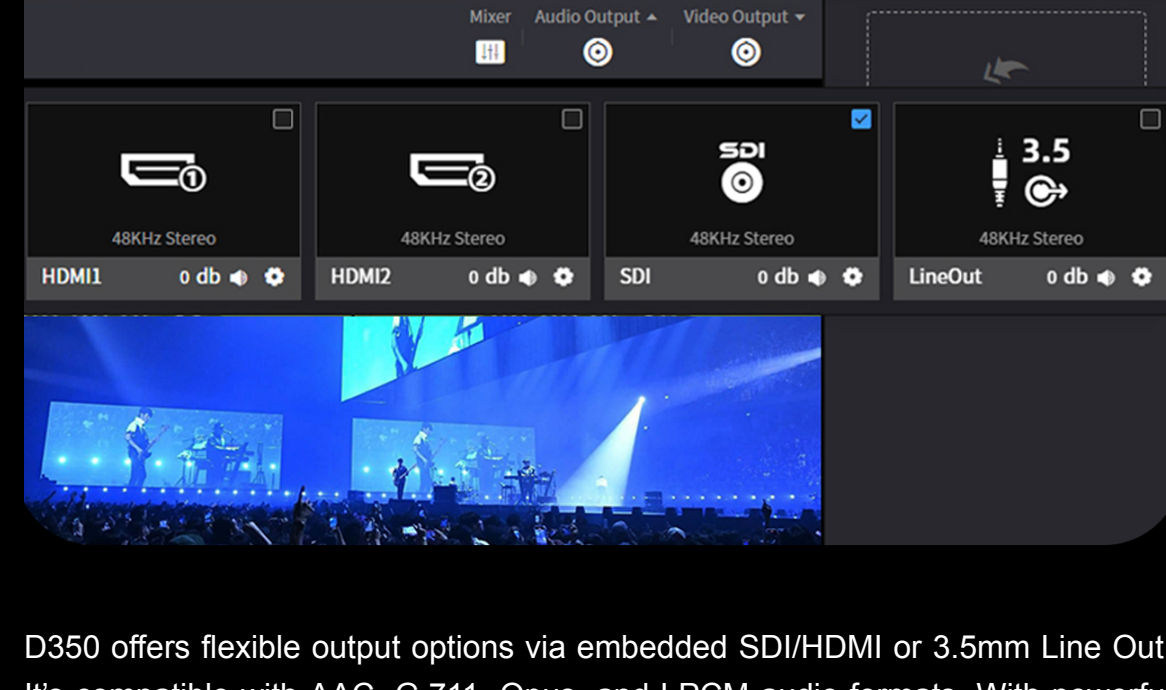
Exceptional Video and Audio Decoding Capabilities

Advanced Video Decoding



D350 delivers exceptional decoding capabilities for IP video streams, supporting mainstream encoding formats such as HEVC (H.265), AVC (H.264), and SpeedHQ (NDI High Bandwidth). This robust decoding performance not only ensures efficient and stable video transmission but also provides stunning ultra-high-definition visual quality, ensuring every detail is rendered with clarity.

Versatile Audio Decoding



D350 offers flexible output options via embedded SDI/HDMI or 3.5mm Line Out. It's compatible with AAC, G.711, Opus, and LPCM audio formats. With powerful multi-channel audio mixing and gain adjustment, users can easily switch between sources, mix multiple audio channels, and fine-tune output gain levels—ensuring accurate, high-quality audio for any production environment.

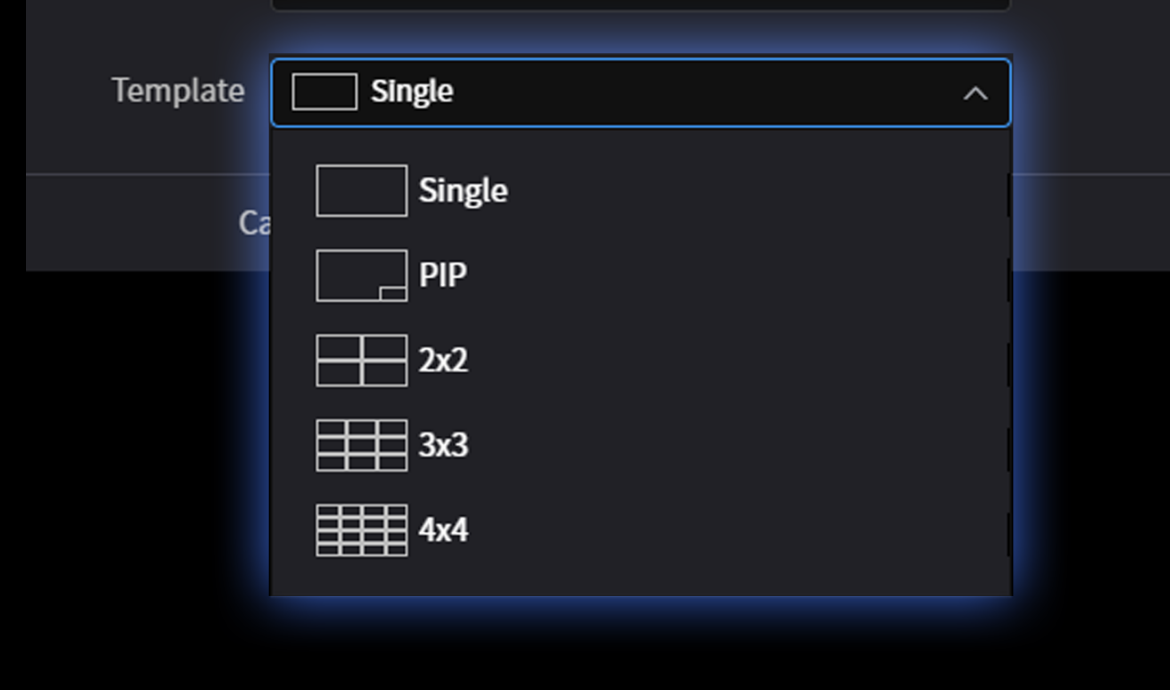
Comprehensive Streaming Protocol Support Designed to Meet All Your Workflow Needs

The D350 is fully compatible with a wide range of streaming protocols, such as NDI High Bandwidth, NDI HX2/HX3, SRT, RTMP, RTMPS, HLS, TS over UDP, RTP, and RTSP, ensuring seamless integration into any video production environment. This extensive protocol support provides maximum flexibility for live streaming, broadcasting, and IP-based video workflows.



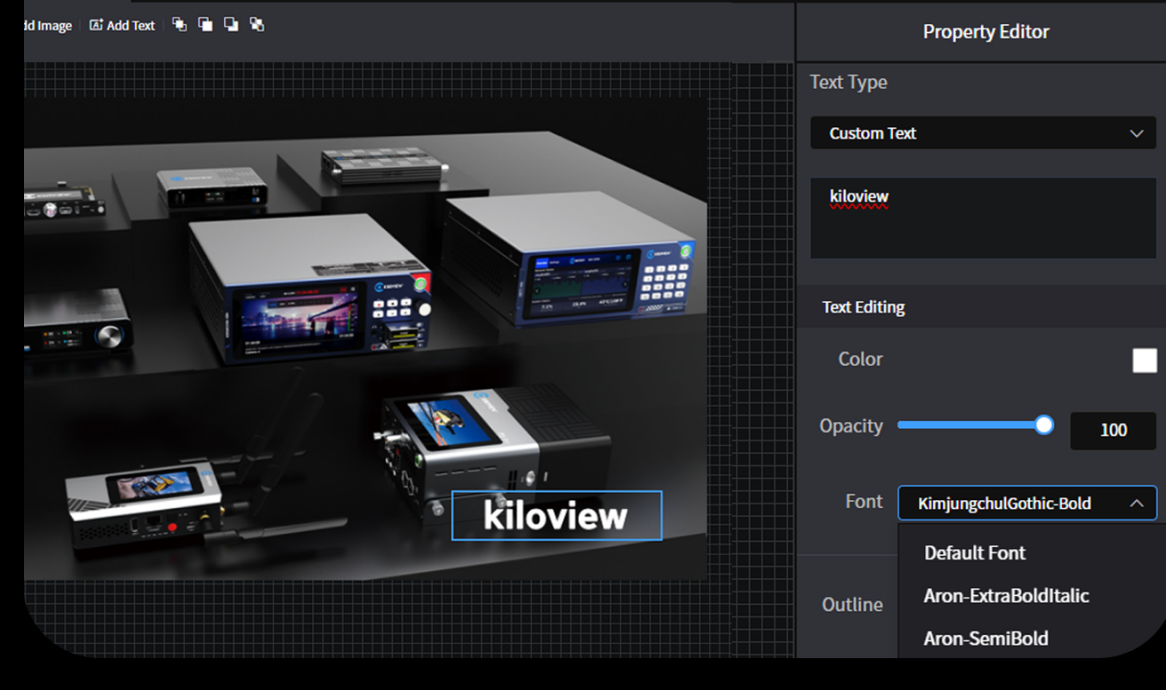
Flexible Layout and Overlay Features for Easy Custom Output

Fully Customizable Display Layouts



The D350 offers complete flexibility in output screen configurations. Users can choose from single-screen, split-screen, or picture-in-picture modes and customize layouts with anywhere from 1 to 16 video windows with fully adjustable parameters—including position, size, and dimensions. Custom layouts can be saved as templates, allowing you to recall and reuse specific multi-screen configurations for future sessions easily.

Personalized Overlay Templates for Unique Visuals



With the newly integrated overlay editor, the D350 lets you create rich, personalized output screens. Design custom overlays using images, text, colors, and graphical elements such as logos, borders, or combined image/text layers. These templates can be applied directly to your video output, delivering a more dynamic, branded, and engaging visual experience.

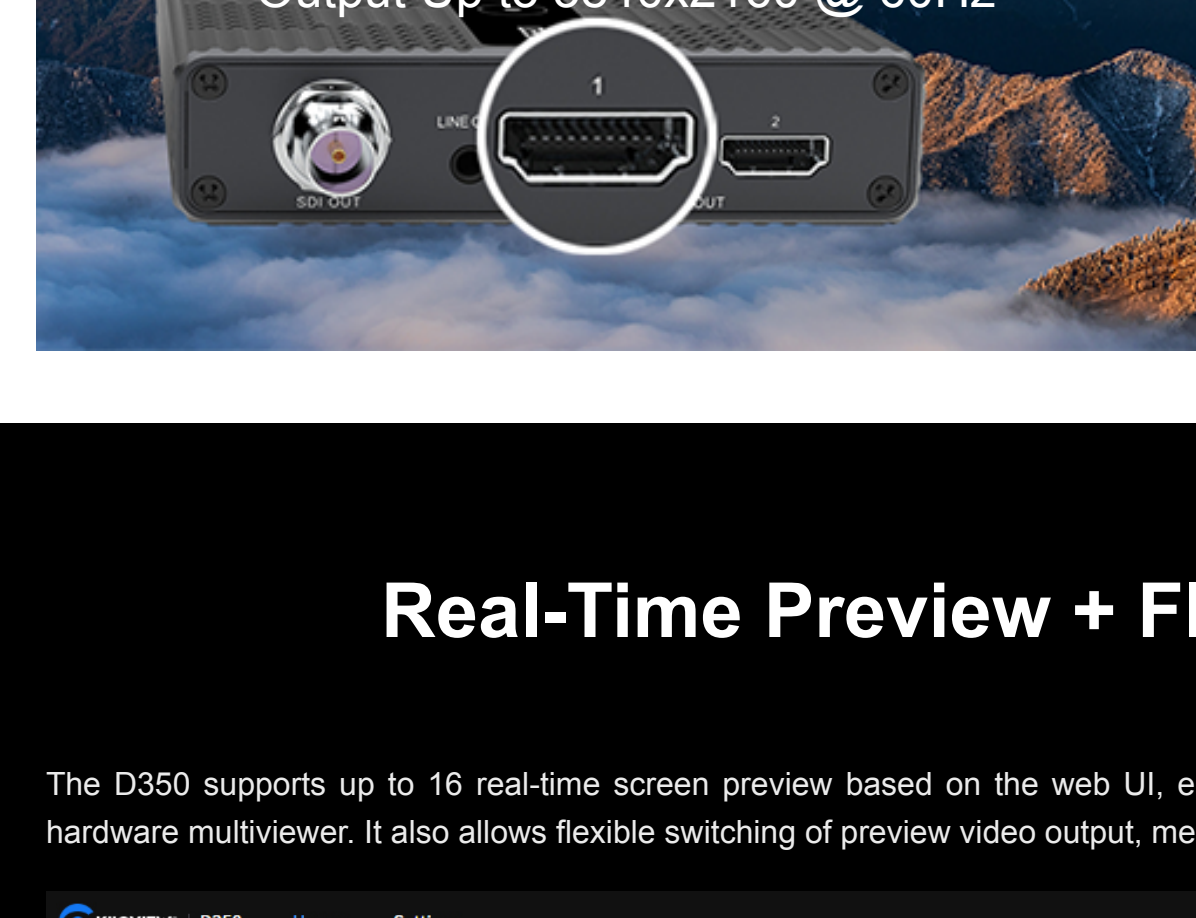
Multiple Interfaces for Flexible High-Quality Video Outputs

The D350 features multiple output interfaces, including 3G-SDI and dual HDMI 2.0 ports, enabling synchronized decoding with the option to display identical or different content across outputs.

HDMI Outputs support resolutions up to 4Kp60
SDI Output supports resolutions up to 1080p60

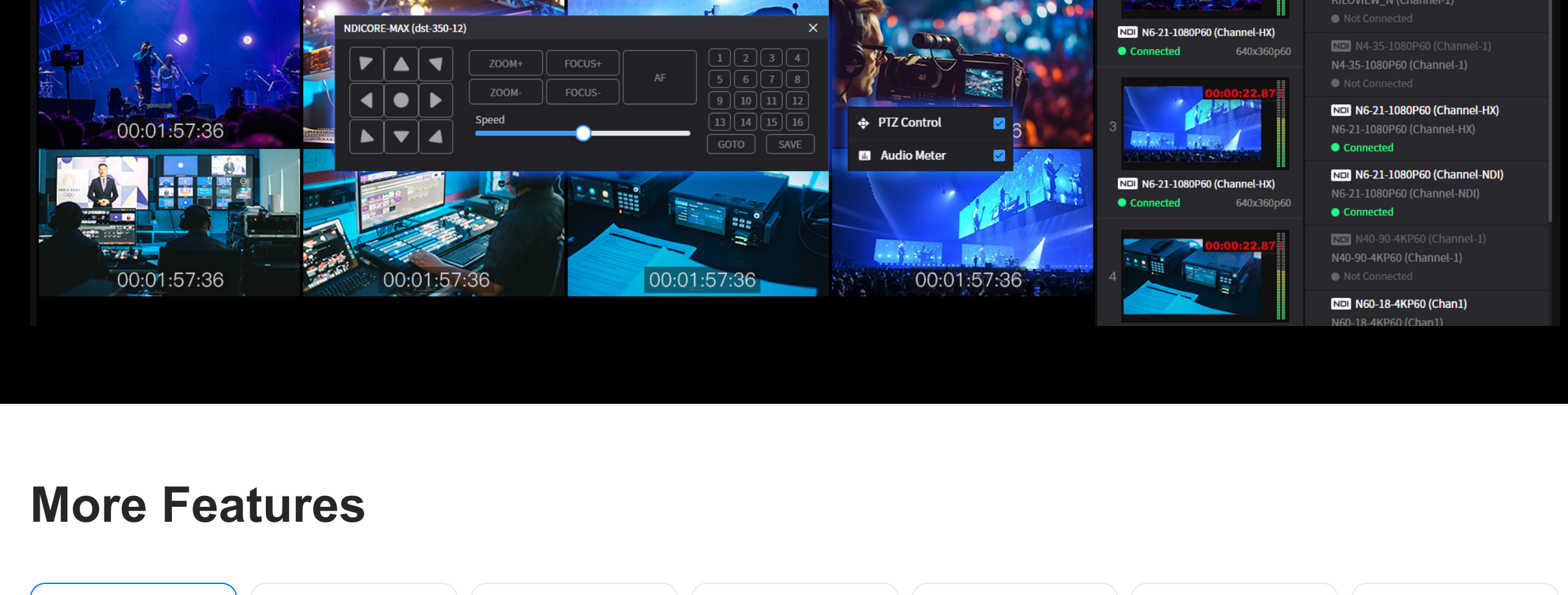
All output parameters—resolution, scan type (progressive or interlaced), and frame rate—are fully adjustable. The D350 also supports specific broadcast-standard frame rates, such as 59.94 and 29.97 fps via SDI, ensuring compatibility with professional workflows.

**Note: The device supports three video output interfaces, from which any two can be selected for two different contents.*



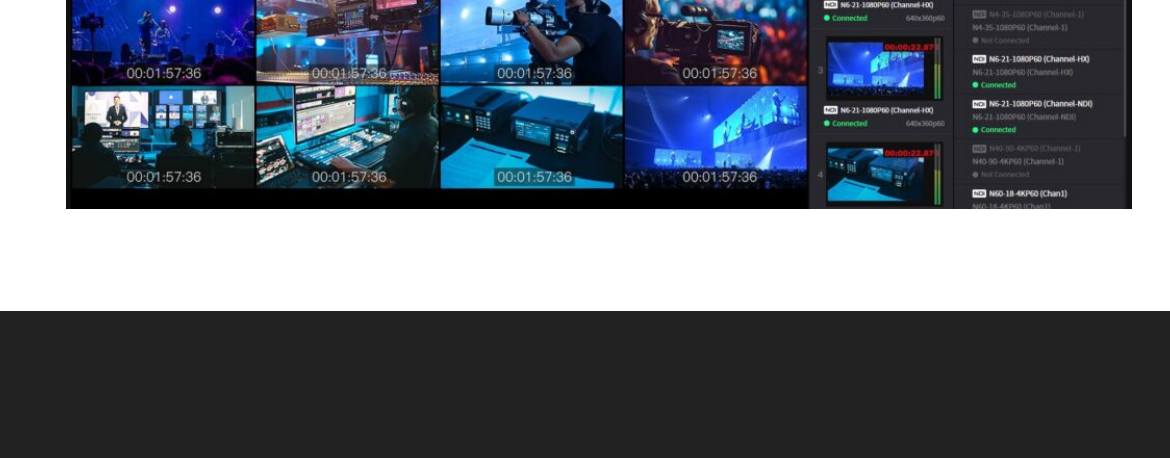
Real-Time Preview + Flexible Output Switching

The D350 supports up to 16 real-time screen preview based on the web UI, enabling monitoring of both local and remote IP video streams, making it work as a hardware multiviewer. It also allows flexible switching of preview video output, meeting various needs in multi-signal monitoring and display scenarios.



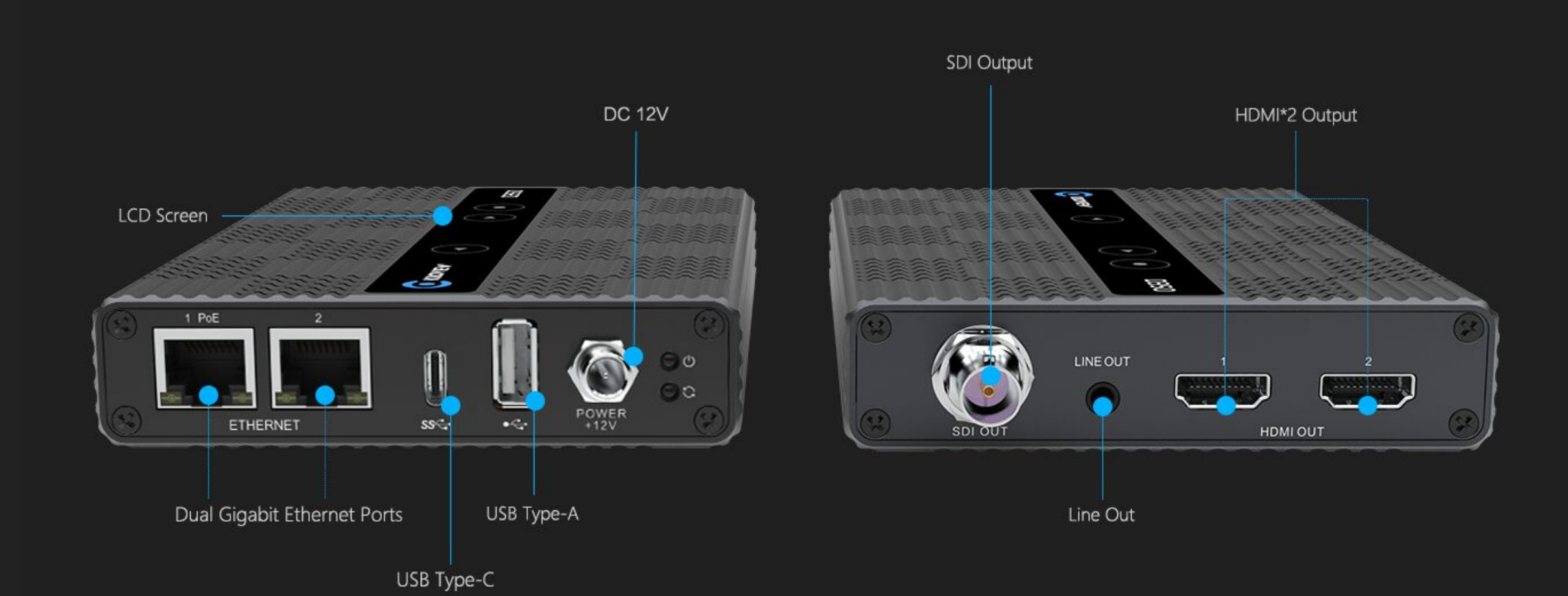
More Features

- [Simplified UI For Easy Operation](#)
- [Realtime Status Monitoring](#)
- [RTMP/Server Supported](#)
- [Voice Communication](#)
- [Dual Ethernet Ports](#)
- [Centralized Management](#)
- [API for Easy Integration](#)



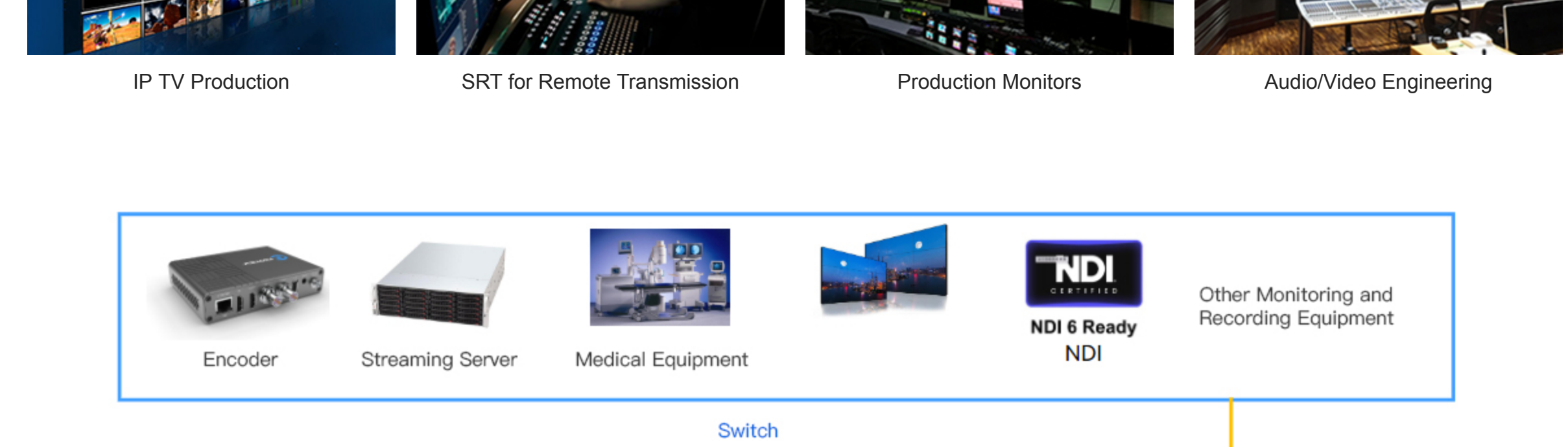
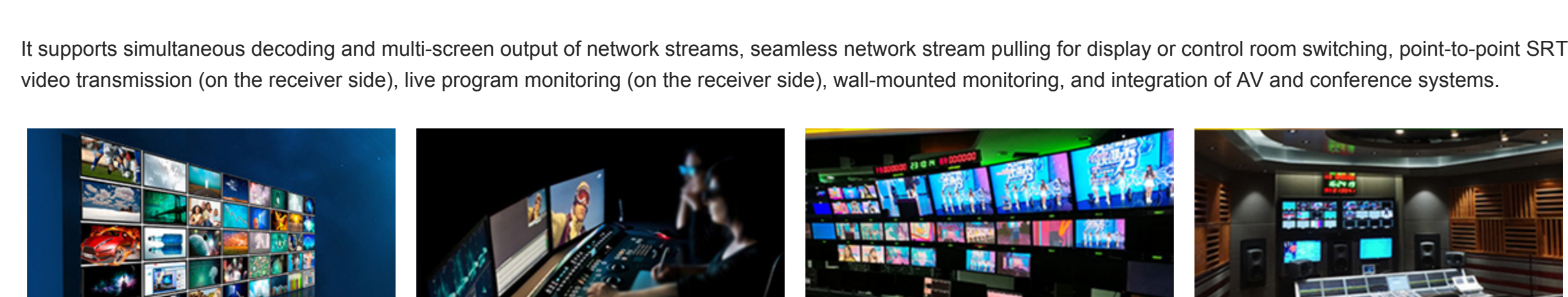
Simplified UI for Easy Operation
The brand-new UI interface is simple and intuitive. The perfect combination of the main screen and sidebar preview layout allows for easy previewing of multiple full-format video streams. With a drag and drop, users can seamlessly switch between real-time preview and corresponding output. All functions are integrated on the web page, making them clear and easy to access.
Additionally, the interface supports VU meter monitoring and PTZ control, making monitoring even more efficient.

Interfaces



Applications

It supports simultaneous decoding and multi-screen output of network streams, seamless network stream pulling for display or control room switching, point-to-point SRT video transmission (on the receiver side), live program monitoring (on the receiver side), wall-mounted monitoring, and integration of AV and conference systems.



Note: Two of the three available outputs can be selected for simultaneous display of the same or different content.

Decoding Performance

Decoding Formats	H.264(AVC)	H.265(HEVC)	SpeedHQ(NDI High Bandwidth)	H.264(AVC)/H.265(HEVC)+SpeedHQ(NDI High Bandwidth)
4KP60	2	/	/	/
4KP30	3	1	1	3+1
1080P60	12	3	3	7+1
1080P30	12	4	4	8+2 4+3

Downloads

- [D350-Quick Guide.pdf](#)
- [D350-User Manual.pdf](#)
- [D350-Datasheet](#)

Specifications

Model	D350
Video Resolution	HDMI Output: 3840*2160p 60/50/30/25/24fps 1920*1080p 60/50/30/25/24fps 1920*1080i 60/50fps SDI Output: 1920*1080p 60/59.94/50/30/29.97/25/24/23.98fps 1920*1080i 60/59.94/50fps 1280*720p 60/59.94/50/30/29.97/25/24/23.98fps
Video Port	1x 3G-SDI 2x HDMI
Video Decoding	SpeedHQ(NDI), H.264(AVC), H.265(HEVC)
Protocol Support	NDI HB / NDI HX2 / NDI HX3 / SRT / RTMP /RTMPS / HLS / TS over UDP / RTSP
Multiview Layouts	Custom 1/2/3/4/5/6/7/8/9/16-screen layouts
Interlaced Video Support	support Interlaced & Progressive IP stream decoding
Audio Decoding	AAC / MPEG-4 / MPEG-2 / G.711 / Opus / LPCM / NDI
Audio Channels	• 4-channel SDI embedded audio • 2-channel HDMI embedded audio • 1x 3.5mm Line-out (2-channel)
Network Port	2x 1000Mbps Ethernet ports (1x PoE-powered)
Physical Controls	0.96" OLED (monochrome) + touch-sensitive keys
OSD/Graphics Overlay	Custom background images + text/graphics overlay
Management	Web-based control or centralized management via KiloLink Server Pro
Voice Intercom	Supports USB headsets and communicate via KiloView Intercom System (KIS)
PTZ Control	Reverse PTZ control support
USB Port	1*USB 2.0 Type-A 1*USB 3.0 Type-C
Power Supply	DC 12V/1A, PoE
Power Consumption	7W(MAX)
Weight	340g
Dimensions	162mm×104mm×25mm
Working Temperature	-20°C~60°C

Quick Comparison of Kiloview Decoders

Product Type	Product Model	Output Interface	Resolution	Decoding Performance
H.265 4K Video Decoder	D350	3G-SDI + HDMI *2	SDI: up to 1920×1080@60Hz; HDMI: up to 3840×2160@60Hz	Up to 12 Video Streams Simultaneously Decoding, 1/2/3/4/5/6 ~ 16 Splitting Screens and Dynamic Switching Supported.
4-Channel H.265 Video Decoder	D260	3G-SDI + HDMI *2	SDI: up to 1920×1080@60Hz; HDMI: up to 1920×1080@60Hz	Up to 4 Video Streams Simultaneously Decoding, 1/2/3/4 Splitting Screen and Dynamic Switching Supported.

Related Products

D260
HD Multi-functional Decoder

[Learn More](#)

MG300v2
HDMI & 3G-SDI Media Gateway

[Learn More](#)

RD-350
4K Multi-functional Decoding Card

[Learn More](#)

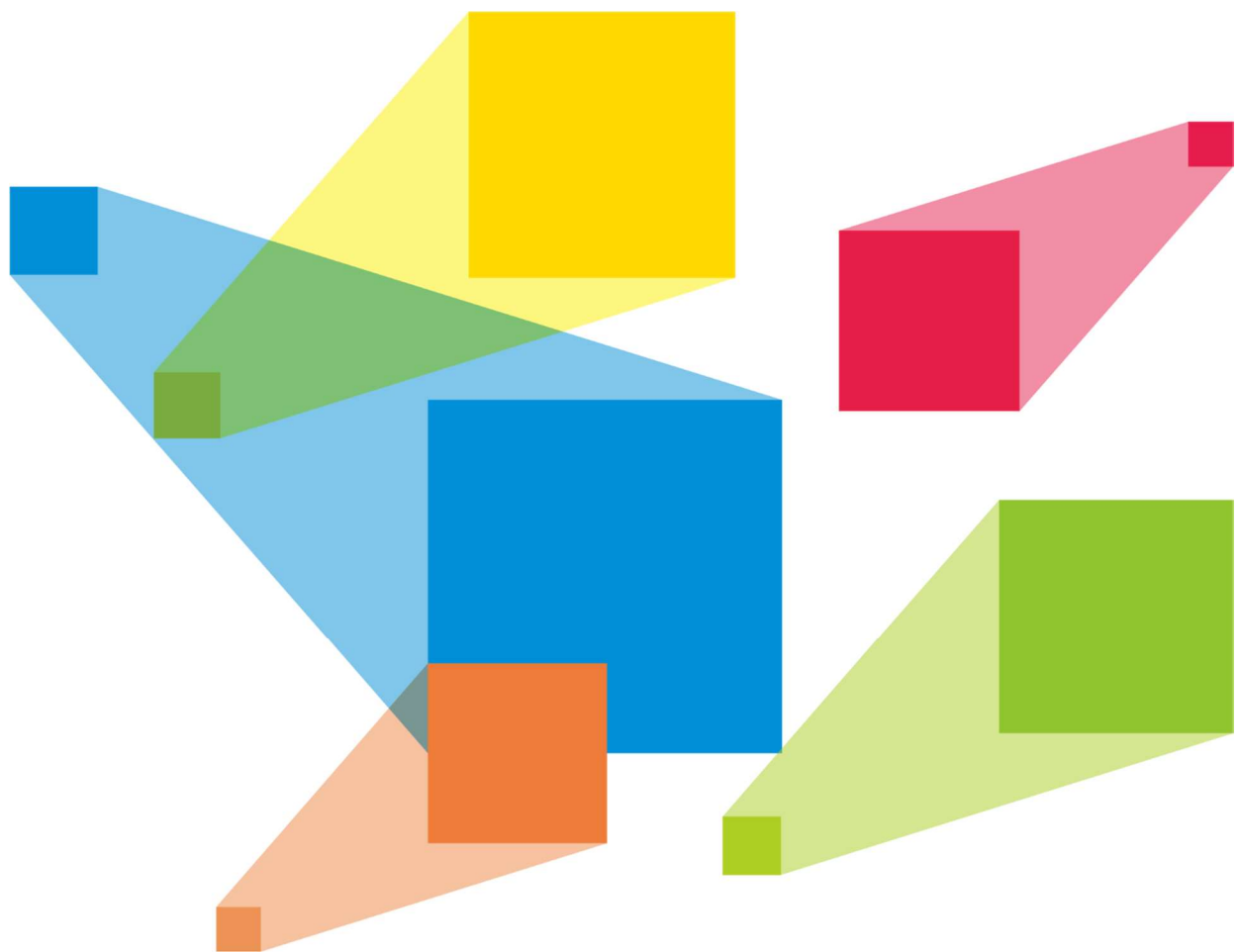
Subscribe to our **Newsletter!** Be the first to receive exclusive offers and latest news. [SUBSCRIBE](#)

- Product**: NDI Encoding/Decoding Series, NDI System Products, H.265/H.264 Encoders, H.265/H.264 Decoders, Media Gateway, Centralized Management Software, Rackmount Chassis & Module Cards, Accessories
- Solutions & Cases**: TV Broadcasting, Healthcare, Education, Conference, Others
- Support & Services**: Knowledge Base, Docs & Manuals, Firmware Updates, Estand Warranty, Tickets
- Resources**: Product Brochures, Brand Guideline
- About Us**: Case Studies, Events, News, Blogs
- Kiloview Electronics Co.,Ltd.**: +86-731-8252-5732, +86-155-7666-2088, support@kiloview.com, info@kiloview.com, #1-1011001, Jiahua Intelligence Valley Industrial Park, #77 Huijin Road, Yuhua District, Changsha, China

Welcome to Kiloview! How can we help you today?
[I have a question](#)
[Tell me more](#)

VX1000 Pro

All-in-One Controller



Specifications

Change History

Document Version	Release Date	Description
V1.0.2	2025-06-19	<ul style="list-style-type: none"> Added the description for the connector capacity limitations. Added the description for the flight case. Add new language options for the device LCD menu, including Hindi, Spanish, French, Portuguese, Russian, Japanese, Korean, German, Vietnamese, Turkish, Thai and Indonesian.
V1.0.1	2025-03-05	Optimized the content.
V1.0.0	2025-01-06	First release

Introduction

The VX1000 Pro is an all-in-one controller combining video processing and video control functionalities into a single device. Equipped with 10 Ethernet ports, it supports three working modes: video controller, fiber converter, and ByPass. Capable of managing up to 6.5 million pixels, the VX1000 Pro can output at a maximum width of 10,240 pixels and a height of 8,192 pixels, making it perfectly suited for controlling ultra-wide and ultra-high LED screens on-site.

The VX1000 Pro boasts powerful video signal reception and processing capabilities, supporting a maximum resolution of 4K×2K@60Hz for video input. It can handle multiple video signal inputs and includes features like 6 layers, output scaling, low latency and pixel-level brightness and chroma calibration. These functions combine to deliver outstanding image display quality.

With various control options available, the VX1000 Pro can be operated via the front panel knob, NovaLCT, Unico web page and VICP app, providing you with a convenient and effortless control experience.

The VX1000 Pro is housed in an industrial-grade casing, which, combined with its powerful video processing and transmission capabilities, makes it robust and well-suited for complex operational environments. The VX1000 Pro is a perfect fit for medium and high-end rental, stage control systems and fine-pitch LED screens.

Certifications

CE, FCC, IC, PSE, RCM, EAC, UL, CB, KC, RoHS

If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please contact NovaStar to confirm or address the problem.

Otherwise, the customer shall be responsible for the legal risks caused or NovaStar has the right to claim compensation.

Features

Multiple connectors, free input and output

- A comprehensive range of input connectors
 - 1x HDMI 2.0 (IN & LOOP)
 - 2x HDMI 1.3
 - 1x 10G optical fiber port (OPT 1)
 - 1x 3G-SDI (IN & LOOP)
 - 1x USB 3.0 (Play images or videos saved in a USB drive.)

- Output connectors

- 10x Gigabit Ethernet ports

A single device supports up to 6.5 million pixels, delivering a maximum width of 10,240 pixels and a maximum height of 8192 pixels.

- 2x Fiber outputs

OPT 1 sends the output on Ethernet ports 1~10.

OPT 2 copies or backs up the output on Ethernet ports 1~10.

- 1x HDMI 1.3

For monitoring display.

- 1x 3D connector

Directly connect a third-party 3D emitter.

- Self-adaptive OPT 1 for either video input or sending card output

Thanks to the self-adaptive design, OPT 1 can be used as either an input or output connector, depending on its connected device.

- Audio input and output

- Audio input accompanied with HDMI sources
- 3.5 mm independent audio input and output

- Adjustable output volume
- Free topology

Flexible screen configuration without rectangle restriction on a single Ethernet port. The maximum circumscribed rectangle of the large screen loaded by the device must be within the device loading capacity.

*Specific receiving cards are required.
- Low latency

By enabling the low latency feature and ByPass mode, the device delay can be reduced to 0 frame.
- Output synchronization

An internal input source or external Genlock can be used as the sync source to ensure the output images of all cascaded units in sync.
- EDID management

Import and export EDID files.

Diverse display possibilities for flexible configuration

- Easy preset saving and loading
 - Up to 256 user-defined presets supported
 - Load a preset by simply pressing one button.
 - Save, overwrite and delete a preset.
 - Preview the layer layout saved in the preset.
- Multiple layer display
 - Supports 6*2K*1K layer resources.

Users can create layers in three different specifications - 4K*2K, 4K*1K, and 2K*1K. These layers will use 4x, 2x, and 1x 2K layer resources respectively, depending on the capacity of the input source connector used to open the layers.
 - Adjustable layer size and position
 - Adjustable layer priority
 - Adjustable aspect ratio
- 3D function

- Traditional solution: Connect the EMT200 Pro 3D emitter to the device's Ethernet port, and use the compatible 3D glasses to enjoy a 3D visual experience.
- New solution: Connect the third-party 3D emitter to the device 3D connector and use the compatible 3D glasses to enjoy a 3D visual experience.

Note: When the 3D function is enabled and the video source format is **Side-by-Side** or **Top-and-Bottom**, the device output capacity will be halved.

- Personalized image scaling

Supports three kinds of image scaling modes, including full screen, pixel to pixel and custom.

- Powerful video processing

- Based on SuperView III image quality processing technologies to provide stepless output scaling.
- One-click full screen display
- Free input cropping

- Color adjustment

Supports output color management, including brightness, saturation, contrast and hue.

- Pixel level brightness and chroma calibration

Work with NovaLCT and NovaStar calibration software to support brightness and chroma calibration on each LED, which can effectively remove color discrepancies and greatly improve LED display brightness and chroma consistency, allowing for better image quality. The function of displaying image on screen for test is also supported.

USB playback, timesaving and effortless

- Supports USB playback for instant plug-and-play convenience.

Multiple device modes and operation modes, convenient and efficient

- Various working modes

- Video controller
- Fiber converter
- ByPass

- Multiple control options

- Device front panel knob

- Unico web page control
- NovaLCT
- VICP app

Data saving after power failure and backup design, stable and reliable

- End-to-end backup
 - Backup between devices
 - Backup between input sources
 - Backup between Ethernet ports
 - Backup up between OPT and Ethernet ports
- Ethernet port backup test

Test whether the pre-stored images, backup Ethernet ports and devices take effect without plugging and unplugging the Ethernet cables.
- Data saving after power failure

After a normal shutdown or unexpected power outage, reconnecting the power will automatically restore the previously saved settings on the device.
- 24/7 rigorous stability test under extreme high and low temperatures proved robust stability and reliability.

Table 4-1 Function limitations

Function	Limitation	Mutually Exclusive Function
3D	<ul style="list-style-type: none"> • Work with the matched 3D glasses. • When the 3D function is enabled and the video source format is Side-by-Side or Top-and-Bottom, the device output capacity will be halved. 	Input crop
Low Latency	All cabinets loaded by Ethernet ports must be aligned at the top of the circumscribed rectangle.	Genlock: When the device works as a video controller, the low latency and Genlock are not exclusive. When the device works in ByPass mode, the two functions cannot be enabled simultaneously.
GENLOCK	N/A	Low latency: When the

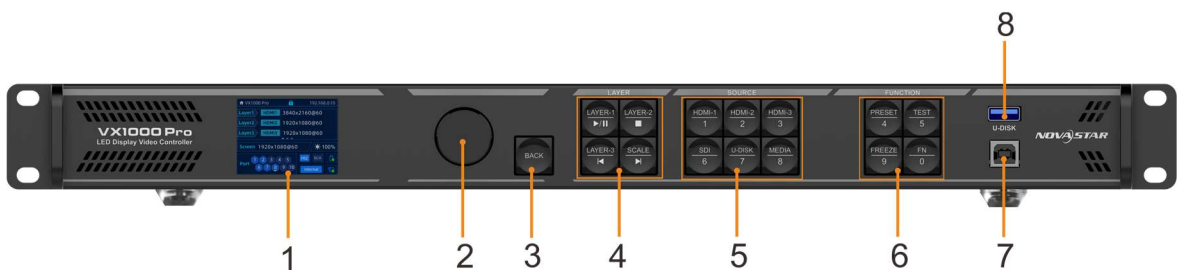
Function	Limitation	Mutually Exclusive Function
		device works as a video controller, the low latency and GenLock are not exclusive. When the device works in ByPass mode, the two functions cannot be enabled simultaneously.
ByPass Mode	When the device works as an independent LED display controller, the video processing function is unavailable.	N/A

Table 4-2 Latency at the VX1000 Pro

Working Mode	Low Latency (Unit: Frame)	Non-Low Latency (Unit: Frame)
Video controller	1~2	2~3
ByPass	0	1
Fiber converter	0	


Appearance


Front Panel



*The picture shown is for illustration purpose only. Actual product may vary due to product enhancement.

No.	Area	Function
1	LCD screen	Display the device status, menus, submenus and messages.
2	Knob	<ul style="list-style-type: none"> Rotate the knob to select a menu item or adjust the parameter value. Press the knob to confirm the setting or operation.
3	Back button	Exit the current menu or cancel the operation.

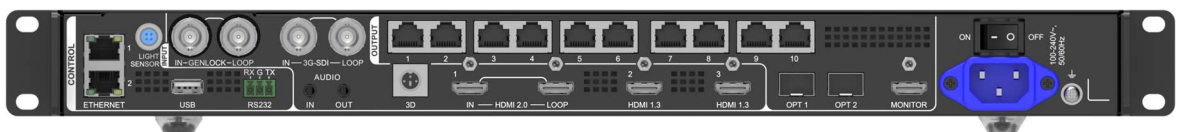
No.	Area	Function
4	Layer buttons	<p>Layer button description:</p> <ul style="list-style-type: none"> • LAYER 1~3: Open or close a layer, and show the layer status. <ul style="list-style-type: none"> – On (blue): The layer is opened. – Flashing (blue): The layer is being edited. – On (white): The layer is closed. • When you play media files saved in a USB drive, the layer buttons are used to control the playback. <ul style="list-style-type: none"> – LAYER-1: This button is used to play or pause the files. – LAYER-2: This button is used to stop the playback. – LAYER-3: This button is used to play the previous file. <hr/> <ul style="list-style-type: none"> • SCALE: A shortcut button for the full screen function. Press the button to make the layer of the lowest priority fill the entire screen. <ul style="list-style-type: none"> – On (blue): Full screen scaling is turned on. – On (white): Full screen scaling is turned off. • When you play media files saved in a USB drive, this button is used to play the next file.
5	Input source buttons	<ul style="list-style-type: none"> • Show the input source status and switch the layer input source. • Button indicators are used to indicate the working status of the input source signal. <ul style="list-style-type: none"> – White, always on: Input source is not used, and no input signal is accessed. – Blue, fast flashing: Input source is used, but no input signal is accessed. – Blue, slow flashing: Input source is not used, but input signal is accessed. – Blue, always on: Input source is used, and input signal is accessed. • U-DISK: USB source button Press the button to switch to a USB source, while hold down the button to enter the Input Settings screen. • MEDIA: USB player button Press the button to enter the USB Player screen. <div style="background-color: #f0f0f0; padding: 5px; margin-top: 10px;"> <p> Note</p> <p>On the home screen, when layer 1 is opened, you can press the input source button to quickly switch the input source for layer 1.</p> </div>
6	Function buttons	<ul style="list-style-type: none"> • PRESET: Access the preset settings menu. • TEST: Access the test pattern menu.

No.	Area	Function
		<ul style="list-style-type: none"> • FREEZE: Freeze/unfreeze the output image. • FN: A custom function button
7	USB	Connect to the PC installed with NovaLCT for device control.
8	U-DISK	<p>1x USB 3.0</p> <ul style="list-style-type: none"> • Supports USB playback. <ul style="list-style-type: none"> - Single-partition USB drive supported - File system: NTFS, FAT32 and exFAT - Max. width and height of media files Width: 3840 pixels, height: 2160 pixels - Picture format: jpg, jpeg, png and bmp - Decoded image resolution: 3840×2160 or lower - Video format: mp4 - Video coding: H.264, H.265 - Max. video frame rate: H.264: 3840×2160@30fps, H.265: 3840×2160@60fps - Audio coding: AAC-LC - Audio sampling rate: 8kHz, 16kHz, 44.1kHz, 48kHz - Transition effect of image switching: Ripple, zoom in, push, flip, blinds, H wipe, V wipe, cube, dissolve, grid, swapping, scroll, fade in/out, twirl, heart trans, curtains, perspective triangle, disappear, bounce, star rotation • Update the firmware via the USB drive. <p> Note</p> <p>The resolution of a USB source is fixed at 1920×1080@60Hz.</p>

 **Note**


Hold down the knob and **BACK** button simultaneously for 3s or longer to lock or unlock the front panel buttons.

Rear Panel



*The picture shown is for illustration purpose only. Actual product may vary due to product enhancement.

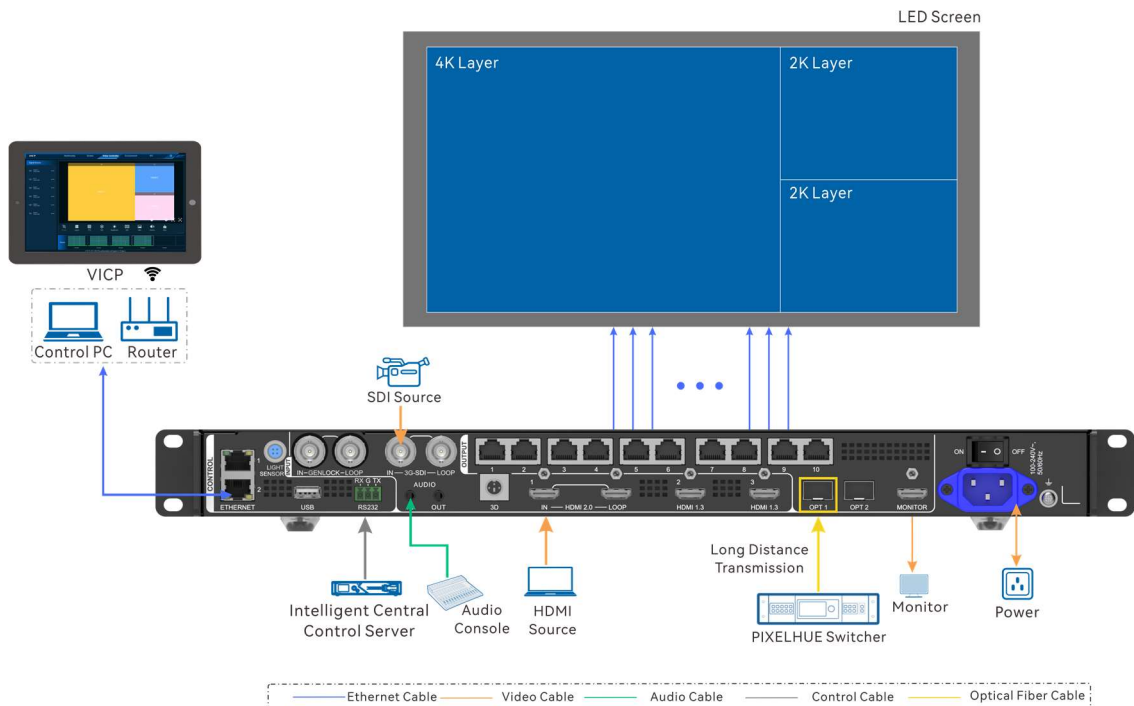
Input Connectors		
Connector	Qty	Description
HDMI 2.0	1	1x HDMI 2.0 <ul style="list-style-type: none"> • Max. input resolution: 4096×2160@60Hz • Supported frame rate: 23.98/24/25/29.97/30/47.95/48/50/56/59.94/60/70/71.93/72/75/85/100/119.88/120/144 • Compatible with HDMI 1.4 and HDMI 1.3 video inputs • HDMI 2.0-1 loop out supported • Custom resolutions supported <ul style="list-style-type: none"> – Max. width: 8192 pixels (8192×1080@60Hz) – Max. height: 8188 pixels (1080×8188@60Hz) • Supports 8-bit/10-bit/12-bit video inputs. • Supported color space/sampling rate: RGB 4:4:4/YCbCr 4:4:4/YCbCr 4:2:2. • HDCP 1.4 and HDCP 2.2 supported • Accompanied audio supported • Does not support interlaced signal inputs.
HDMI 1.3	2	2x HDMI 1.3 <ul style="list-style-type: none"> • Max. input resolution: 1920×1080@60Hz • Supported frame rate: 23.98/24/25/29.97/30/47.95/48/50/56/59.94/60/70/71.93/72/75/85/100/119.88/120 • Custom resolutions supported <ul style="list-style-type: none"> – Max. width: 2048 pixels: 2048 pixels (2048×1080@60Hz) – Max. height: 2048 pixels 2048 pixels (1080×2048@60Hz) • Supports 8-bit video inputs. • HDCP 1.4 supported • Supported color space/sampling rate: RGB 4:4:4/YCbCr 4:4:4/YCbCr 4:2:2 • Accompanied audio supported • Does not support interlaced signal inputs.
3G-SDI	1	1x 3G-SDI <ul style="list-style-type: none"> • ST-424 (3G), ST-292 (HD) and ST-259 (SD) standard video inputs

		<p>supported</p> <ul style="list-style-type: none"> • Supported protocols: SMPTE 259M, SMPTE 274M, SMPTE 296M, SMPTE 425M-A and SMPTE 425M-B • Max. input resolution: 1920×1080@60Hz • 3G-SDI loop output supported • Deinterlacing processing supported • 10-bit video inputs supported • Does not support input resolution and bit depth settings.
*Connector capacity limitations		<ul style="list-style-type: none"> • SL <ul style="list-style-type: none"> – Standard resolution: 1920×1080@60Hz – Custom max width: 2048 (2048×1080@60Hz) – Custom max height: 2048 (1080×2048@60Hz) • DL <ul style="list-style-type: none"> – Standard resolution: 3840×1080@60Hz/3840×2160@30Hz – Custom max width: 4096 (4096×1080@60Hz) – Custom max height: 3840 (1080×3840@60Hz) • 4K <ul style="list-style-type: none"> – Standard resolution: 4096×2160@60Hz/8192×2160@30Hz – Custom max width: 8192 (8192×1080@60Hz) – Custom max height: 8188 (1080×8188@60Hz) <div style="background-color: #f0f0f0; padding: 5px; margin-top: 10px;"> <p> Note</p> <p>If the resolution of an input source is larger than the max width limit of the connector capacity, you need to switch the connector capacity to ensure that the input source can be processed normally.</p> </div>
Output Connectors		
Connector	Qty	Description
Ethernet ports	10	<ul style="list-style-type: none"> • Max. loading capacity: 6.5 million pixels • Max. width: 10,240 pixels, max. height: 8192 pixels • Maximum capacity of a single port: 650,000 pixels (input bit depth: 8bit) • Supported frame rate: 23.98/24/25/29.97/30/47/48/50/59.94/60/71.93/72/75/85/95/100/119.88/120/144
OPT	2	<p>2x 10G optical fiber ports</p> <ul style="list-style-type: none"> • OPT 1: Self-adaptive, either for video input or for output • OPT 2: For output with copy and backup modes or loop output

		<ul style="list-style-type: none"> • Supports the following three modes: <ul style="list-style-type: none"> – Input+output: OPT 1 for video input, while OPT 2 copies or backs up the output on 10 Ethernet ports – Input+loop: OPT 1 for video input, OPT 2 for loop output – Output: OPT 1 sends the output on 10 Ethernet ports, while OPT 2 copies or backs up the output on 10 Ethernet ports. • Paired with single-mode and dual-mode optical modules with the following transmission distance <ul style="list-style-type: none"> – Single-mode twin-core optical module: ≤10 km – Multi-mode twin-core optical module: ≤300 m <p> Note</p> <p>The optical module is not installed at the factory. Please purchase and install it as needed.</p>
HDMI 1.3	1	For monitoring display Output resolution: 1920×1080@60Hz (fixed)
3D	1	1x 3D connector Connect the 3D emitter and use the compatible 3D glasses to enjoy a 3D visual experience.
		<p> Note</p> <p>When the 3D function is enabled and the video source format is Side-by-Side or Top-and-Bottom, the device output capacity will be halved.</p>
Audio Connectors		
Connector	Qty	Description
AUDIO	2	1x AUDIO input, 1×AUDIO output <ul style="list-style-type: none"> • 3.5 mm standard audio input and output connectors • Audio sampling rate up to 48 kHz
Control Connectors		
Connector	Qty	Description
ETHERNET	2	<ul style="list-style-type: none"> • Connect to the PC and log into the Unico web page for device control. • Input or output connector for device cascading Status LEDs: <ul style="list-style-type: none"> • The top left one indicates the connection status. <ul style="list-style-type: none"> – On: The port is properly connected. – Flashing: The port is not properly connected, such as loose connection.

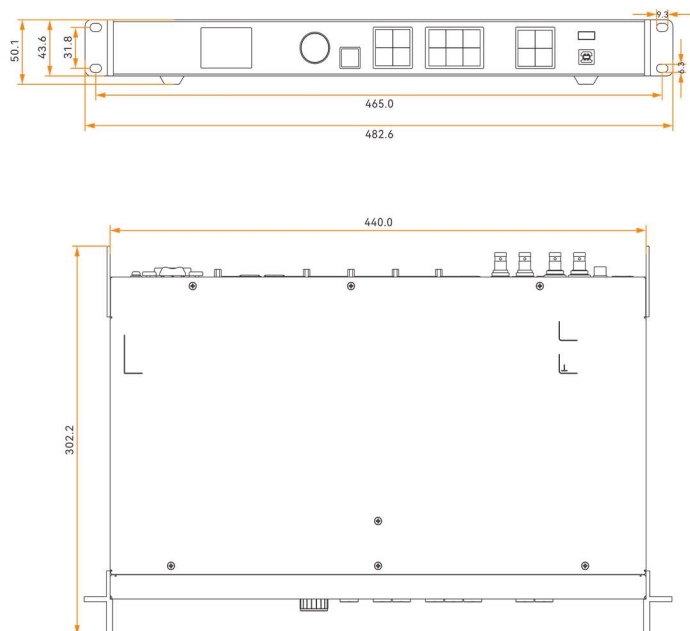
		<ul style="list-style-type: none"> - Off: The port is not connected. • The top right one indicates the communication status. <ul style="list-style-type: none"> - On: No data communication. - Flashing: The communication is good and data is being transmitted. - Off: No data transmission
USB	1	1x USB 2.0 <ul style="list-style-type: none"> • Update the firmware via the USB drive. • Import or export device logs and EDID files.
RS232	1	3-pin connectors <ul style="list-style-type: none"> • RX: Receive signals. • TX: Send signals. • G: Ground
GENLOCK IN-LOOP	1	Connect to an external sync signal. Accepts bi-level and tri-level signals. <ul style="list-style-type: none"> • IN: Accept the sync signal. • LOOP: Loop the sync signal.
LIGHT SENSOR	1	Connect to a light sensor to collect the ambient brightness, allowing for automatic screen brightness adjustment.

Applications



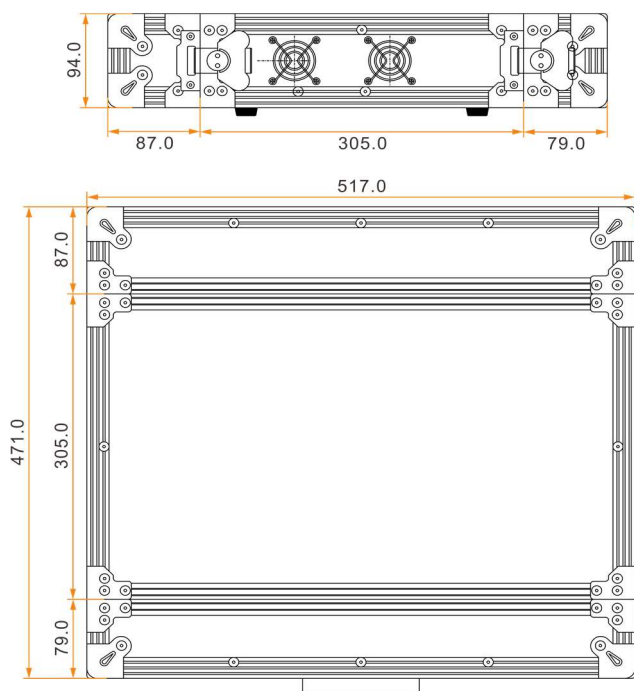
Dimensions

Device



Tolerance: ± 0.5 Unit: mm

Flight Case



Tolerance: ± 5 Unit: mm

 Note

If you require detailed dimensions and drawings of the flight case, please contact our customer service team.

Specifications

Electrical Parameters	Power connector	100-240V~, 50/60Hz
	Rated power consumption	44 W
Operating Environment	Temperature	0°C to 50°C
	Humidity	5% RH to 85% RH, non-condensing
Storage Environment	Temperature	-10°C to 60°C
	Humidity	5% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	482.6 mm × 302.2 mm × 50.1 mm
	Net weight	3.9 kg
	Total weight (packed with paper box)	6.5 kg
	Total weight (packed with flight case)	9.2 kg
Packing Information	Packing box	565 mm × 450 mm × 175 mm
	Flight case	517mm × 471mm × 94mm
	Accessories	1x Power cord, 1x Ethernet cable, 1x HDMI cable, 2x Silicone dustproof plugs, 1x USB cable, 1x Phoenix connector, 1x Quick Start Guide, 1x Certificate of Approval
Noise Level (typical at 25°C/77°F)	45 dB (A)	

Video Source Features

Input Connectors	Common Resolutions		Color Space	Sampling Rate	Bit Depth	Integer Frame Rates (Hz)	
HDMI 2.0	4K×2K	4096×2160	RGB / YCbCr	4:4:4	12bit	24/25/30	
					10bit	24/25/30	
			YCbCr	4:2:2	8/10/12bit	24/25/30/48/50/60	
	4K×1K	3840×1080	RGB / YCbCr	4:4:4	12bit	24/25/30/48/50/60/72/85	
					10bit	24/25/30/48/50/60/72/100	
			YCbCr	4:2:2	8/10/12bit	24/25/30/48/50/60/72/120	
	2K×1K	1920×1080	RGB / YCbCr	4:4:4	12bit	24/25/30/48/50/60/72/120/144	
					10bit	24/25/30/48/50/60/72/120/144	
			YCbCr	4:2:2	8/10/12bit	24/25/30/48/50/60/72/120/144	
HDMI 1.3	2K×1K	1920×1080	RGB / YCbCr	4:4:4	12bit	24/25/30	
					10bit	24/25/30/48/50/60	
			YCbCr	4:2:2	8/10/12bit	24/25/30/48/50/60	
3G-SDI	2K×1K	1920×1080	YCbCr	4:2:2	10bit	24/25/30/48/50/60	

Note

The table above shows some common resolutions and integer frame rates only. The adaptation to decimal frame rates is also supported, including 23.98/29.97/59.94/71.93/119.88Hz.

Notes and Cautions

Notes For Battery

- The battery is not intended to be replaced.

- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

Notes for Installation

When the product needs to be installed on the rack, 8 screws at least M5*8 should be used to fix it. The rack for installation shall bear at least 16kg weight.

- Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.
- Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
- Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide

reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Others

- Note: This product can only be placed horizontally. Do not mount vertically or upside-down.
- This is Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.
- Please read the specifications thoroughly and use the product in accordance with the requirements. If you have any questions about the specifications, please contact us immediately. If you use the product improperly, not following the requirements, or for illegal purposes, you shall be solely responsible for any consequences arising therefrom.

Copyright

Copyright © 2025 Xi'an NovaStar Tech Co., Ltd. All Rights Reserved.

No part of this document may be copied, reproduced, extracted or transmitted in any form or by any means without the prior written consent of Xi'an NovaStar Tech Co., Ltd.

Trademark

 is a trademark of Xi'an NovaStar Tech Co., Ltd.

Statement

Thank you for choosing NovaStar's product. This document is intended to help you understand and use the product. For accuracy and reliability, NovaStar may make improvements and/or changes to this document at any time and without notice. If you experience any problems in use or have any suggestions, please contact us via the contact information given in this document. We will do our best to solve any issues, as well as evaluate and implement any suggestions.

| [Official website](http://www.novastar.tech)
| www.novastar.tech

| [Technical support](mailto:support@novastar.tech)
| support@novastar.tech

REMOVABLE. USE IPAD WHILE STATIONED. EASILY GRAB AND GO.

CONNECT PRO

BUILD A SYSTEM

FLEX IPAD LIKE A PRO.

THE CONNECT PRO SYSTEM

Meet CONNECT PRO, the ultimate, most flexible iPad charging & mounting solution that combines sleek design with unmatched functionality. Comprising a protective case and versatile stations for temporary mounting—tabletop, wall-mounted, or VESA-compatible—CONNECT PRO offers effortless magnetic 'stationing' and wireless charging. It also features dual interfaces for flexible docking on CONNECT Docks or Multi Docks, perfect for high-density charging or syncing with a computer for updates. Available in black and white, CONNECT PRO ensures your iPad is always at the right angle, ready for action.

Use iPad while Stationed

Station iPad in Portrait or Landscape orientation and use in a temporarily mounted mode. Optionally, lock iPad on if desired.

Charge without Wires

Simply drop iPad on a Station for immediate charging with no wires, plugs or fuss.

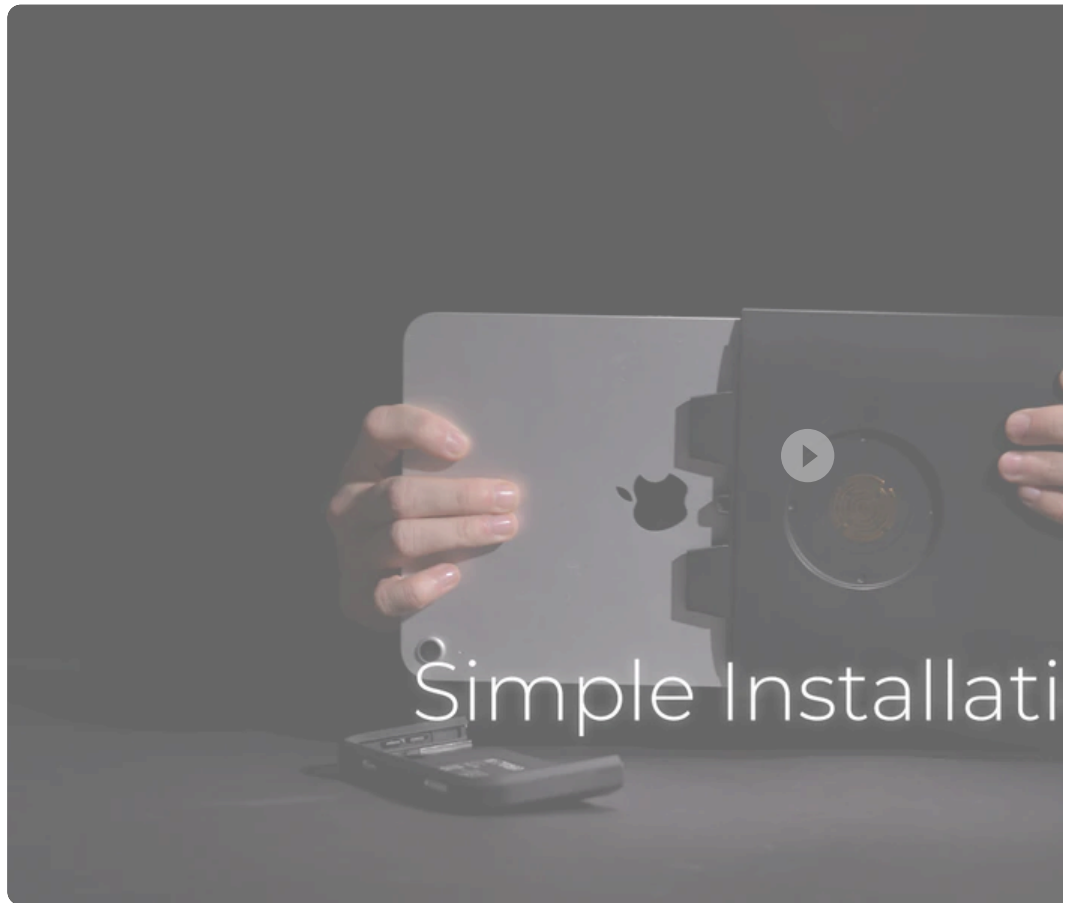
Easily Grab and Go

Effortlessly grab iPad from station or dock.

Routine Installation, Rugged Protection.

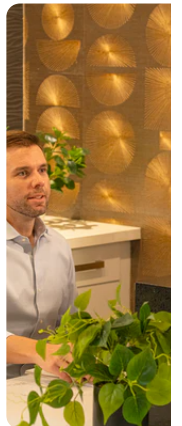
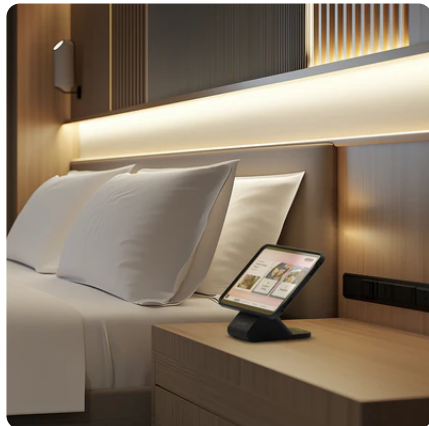
Simply slide iPad into case and lock in a professional enclosure that will ensure iPad is ready for challenging use cases while still looking good.





[Buy Now](#)

CONNECT PRO IN USE



< >

BUILD A SYSTEM.

THE CONNECT PRO CORE SYSTEM

Choose products below to build out a CONNECT PRO SYSTEM. Click into each product to choose options or to access more details like specs, parts and accessories.



+



OR

CONNECT PRO Case
From \$300.00

CONNECT PRO BaseStation
From \$300.00

EXPANDED CASE CAPABILITIES. CASE ACCESSORIES

Choose Accessories that add onto CONNECT PRO Cases to provide even more capabilities while on the go.



CONNECT Standle BK
From \$50.00



CONNECT Shoulder Strap
From \$30.00

EXPAND THE SYSTEM TO TRANSACT LIKE MAGIC. POINT OF SALE COMPONENTS

Finish off a CONNECT PRO System with powerful components for transacting that provide payment, network connectivity and peripheral inputs to build the ultimate Point of Sale.

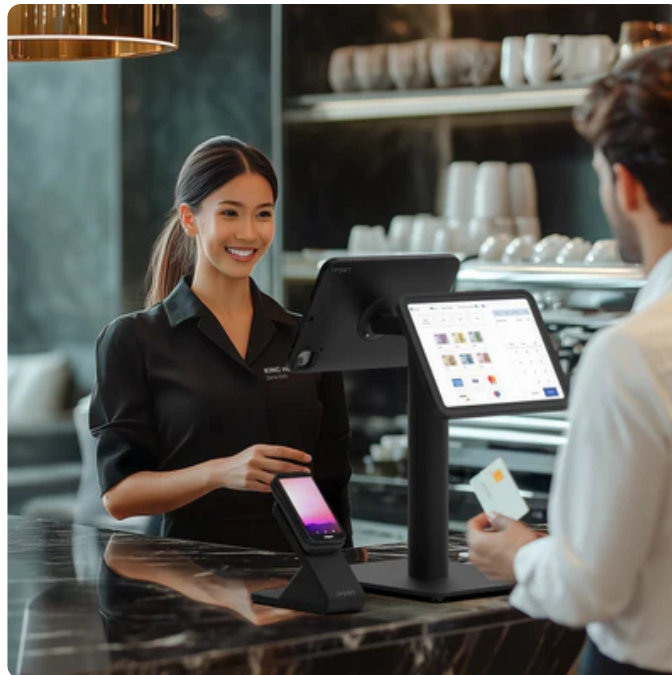


CONNECT PRO PayCase
From \$75.00



CONNECT PRO PayStation
From \$225.00

GREAT FOR THESE INDUSTRIES



Restaurant

From tableside ordering and self-service kiosks to kitchen display systems and inventory management, iOS technology is transforming restaurant operations. iPads help streamline workflows, reduce errors, and improve both speed and accuracy in high-paced...

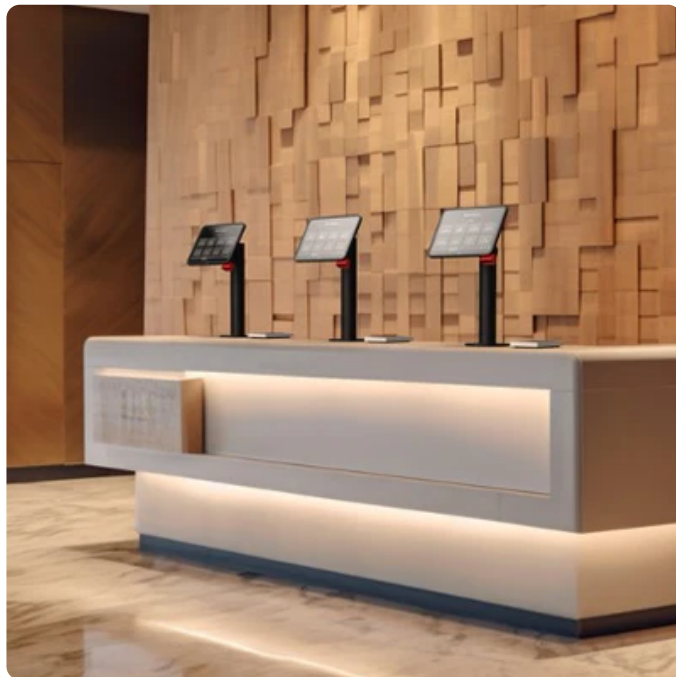
[Learn More](#)



Healthcare

IPOINT empowers healthcare environments with innovative, hygienic, and highly efficient iOS device solutions. Designed for seamless mobility, our modular cases and docking systems enable healthcare professionals to access critical data and applications with ease...

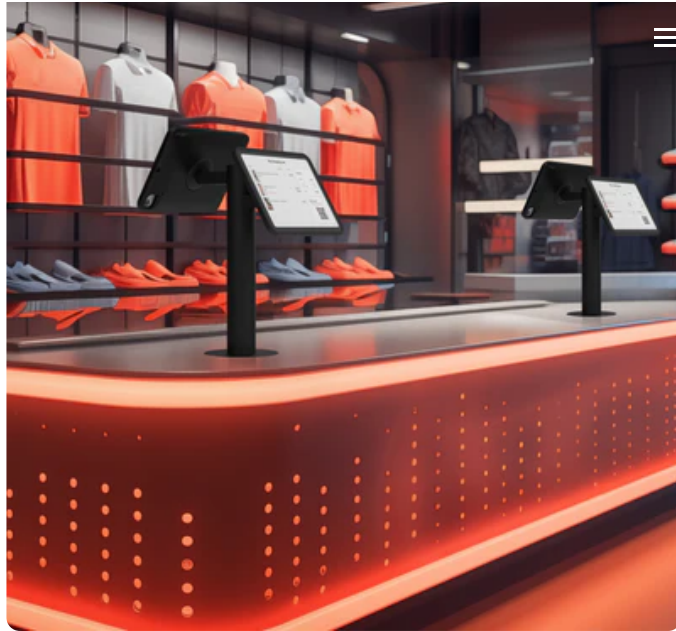
[Learn More](#)



Hospitality

The future of hospitality is efficient, personalized, and connected. Apple's ecosystem empowers hotels to streamline operations and enhance guest experiences, from check-in to in-room services. IPOINT ensures iPads remain charged, secure, and ready for...

[Learn More](#)



Retail

IPOINT transforms retail operations by delivering seamless, secure, and intelligently designed solutions for iOS device integration. Our modular system enhances mobility, reducing device loss and breakage while enabling effortless charging and docking. By...

[Learn More](#)



Residential

The home automation industry is experiencing a shift towards tablet-based control interfaces. More homeowners are opting for dedicated control solutions rather than using personal smartphones, reducing security risks and ensuring a [Learn More](#)

STAY CONNECTED

Sign up for news, promotions and more

[Industries](#)

[Support](#)

[Our Process](#)

[Legal | Privacy](#)

[Warranty](#)

[Contact Us](#)

[FCC/IC](#)

[Shipping & Returns](#)

[Careers](#)

[Patents](#)

[iOS Device Compatibility](#)

[All Use Cases](#)

[Site Feedback](#)

[Deal Registration](#)



1001 Calle Amanecer
San Clemente, CA 92673 USA

+1.949.226.5222

Copyright © 2026 IPORT.





iPad (A16) - Tech Specs

Year introduced : 2025

Finish	Silver
	Blue
	Pink
	Yellow
Capacity¹	128GB
	256GB
	512GB
Size and Weight²	Wi-Fi models
	Height: 248.6 mm (9.79 inches)

Width: 179.5 mm (7.07 inches)
Depth: 7 mm (0.28 inches)
Weight: 477 grams (1.05 pounds)

Wi-Fi + Cellular models

Height: 248.6 mm (9.79 inches)
Width: 179.5 mm (7.07 inches)
Depth: 7 mm (0.28 inches)
Weight: 481 grams (1.06 pounds)

Buttons and Connectors

Speakers
Top button / Touch ID sensor
Microphones
Volume up/down
Camera
Smart Connector
USB-C connector

In the Box

iPad (A16)
USB-C Charge Cable (1 metre)

Display

Liquid Retina display
LED backlit Multi-Touch display with IPS technology
2360x1640-pixel resolution at 264 pixels per inch (ppi)
True Tone display
500 nits brightness
Fingerprint-resistant oleophobic coating
Supports **Apple Pencil (USB-C)**, **Apple Pencil (1st generation)**♦

The iPad display has rounded corners. When measured diagonally as a rectangle, the screen is 10.86 inches. Actual viewable area is less.

♦Pair and charge Apple Pencil (1st generation) using USB-C to Apple Pencil Adapter.

Chip

A16 chip
5-core CPU
4-core GPU
16-core Neural Engine

Camera

12MP Wide camera, $f/1.8$ aperture
Digital zoom up to 5x
Five-element lens
Autofocus with Focus Pixels
Panorama (up to 63MP)
Smart HDR 4

Photo geotagging
Auto image stabilisation
Burst mode
Image formats captured: HEIF and JPEG

Video Recording

4K video recording at 24 fps, 25 fps, 30 fps or 60 fps
1080p HD video recording at 25 fps, 30 fps or 60 fps
720p HD video recording at 30 fps or 60 fps
Slo-mo video support for 1080p at 120 fps or 240 fps
Time-lapse video with stabilisation
Extended dynamic range for video up to 30 fps
Video image stabilisation
Cinematic video stabilisation (1080p and 720p)
Continuous autofocus video
Playback zoom
Video formats captured: HEVC and H.264

Front Camera

Landscape 12MP Center Stage camera
 $f/2.4$ aperture
Smart HDR 4
1080p HD video recording at 25 fps, 30 fps or 60 fps
Time-lapse video with stabilisation
Extended dynamic range for video up to 30 fps
Cinematic video stabilisation (1080p and 720p)
Lens correction
Retina Flash
Auto image stabilisation
Burst mode

Video Calling³

FaceTime video
Centre Stage
iPad to any FaceTime-enabled device over Wi-Fi or a mobile network

Audio Calling³

FaceTime audio
iPad to any FaceTime-enabled device over Wi-Fi or a mobile network

Speakers

Landscape stereo speakers

Microphones

Dual microphones for calls, video recording and audio recording

Mobile and Wireless

All models

Wi-Fi 6 (802.11ax) with 2x2 MIMO

Simultaneous dual band

Bluetooth 5.3

Wi-Fi + Cellular models

5G (sub-6GHz) with 4x4 MIMO

Gigabit LTE with 4x4 MIMO

Model A3355:

5G NR (Bands n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, n77, n78, n79)⁴

FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 28, 29, 30, 32, 66, 71)

TD-LTE (Bands 34, 38, 39, 40, 41, 42, 48)

UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz)

Data only⁵

Wi-Fi calling⁴

eSIM⁶

[Learn more about mobile data](#)

For details on 5G and LTE support, contact your provider and see apple.com/uk/ipad/cellular.

SIM Card

eSIM⁶

iPad uses advanced eSIM technology for more convenience and security (not compatible with physical SIM cards)

[Learn more about eSIM](#)

[Learn more about travelling with eSIM](#)

Location

All models

Digital compass

Wi-Fi

iBeacon micro-location

Wi-Fi + Cellular models

GPS/GNSS

Mobile data

Sensors

Touch ID

Three-axis gyro

Accelerometer

Barometer

Ambient light sensor

Touch ID	<p>Unlock iPad</p> <p>Secure personal data within apps</p> <p>Make purchases from the iTunes Store, App Store and Apple Books</p>
Apple Pay	<p>Pay with your iPad using Touch ID within apps and on the web</p> <p>Learn more about Apple Pay</p>
Siri⁷	<p>Get help with everyday tasks like sending messages, setting reminders and more</p> <p>Activate hands-free with only your voice using “Siri” or “Hey Siri”, or use Type to Siri</p> <p>Protected by the strongest privacy of any intelligent assistant</p> <p>Learn more about Siri</p>
Charging and Expansion	<p>USB-C port with support for:</p> <ul style="list-style-type: none"> Charging DisplayPort USB 2.0 (up to 480Mb/s)
Display Support	<p>Supports full native resolution on the built-in display at millions of colours</p> <p>Supports one external display with up to 4K resolution at 60Hz</p> <p>Digital video output</p> <p>Native DisplayPort output over USB-C</p> <p>VGA, HDMI and DVI output supported using adapters (sold separately)</p> <p>Video mirroring</p> <p>Up to 4K AirPlay for mirroring, photos and video out to Apple TV (2nd generation or later) or AirPlay-enabled smart TV</p> <p>Video mirroring and video out support through USB-C Digital AV Multiport Adapter and USB-C VGA Multiport Adapter (adapters sold separately)</p>
Power and Battery⁸	<p>All models</p> <p>Built-in 28.93-watt-hour rechargeable lithium-polymer battery</p> <p>Up to 10 hours of surfing the web on Wi-Fi or watching video</p> <p>Charging via power adapter or USB-C to computer system</p> <p>Wi-Fi + Cellular models</p> <p>Up to 9 hours of surfing the web using a mobile data network</p>

Operating System

iPadOS

iPadOS comes with powerful features and built-in apps designed to take advantage of the unique capabilities of iPad.

[Learn more about iPadOS](#)

Accessibility

Built-in accessibility features supporting vision, mobility, hearing and cognitive disabilities help you get the most out of your iPad.

[Learn more about Accessibility](#)

Features include:

VoiceOver	Switch Control	Audio Descriptions
Zoom	AssistiveTouch	Subtitles and Closed
Magnifier	Siri and Dictation	Captioning
Spoken Content	Type to Siri	
Voice Control	Real-Time Text	

Built-in Apps

App Store	Home	Photos
Books	iTunes Store	Podcasts
Calculator	Magnifier	Reminders
Calendar	Mail	Safari
Camera	Maps	Settings
Clock	Measure	Shortcuts
Contacts	Messages	Stocks
FaceTime	Music	Tips
Files	News	Translate
Find My	Notes	TV
Freeform	Passwords	Voice Memos
Health	Photo Booth	Weather

Free Apps from Apple

Pages, Numbers, Keynote, iMovie, GarageBand, Clips and Apple Store app are pre-installed on iPad.

Pages	iMovie	Clips
Numbers	GarageBand	Swift Playgrounds
Keynote	Apple Store	Support

System Requirements

Apple Account (required for some features)

Internet access⁹

Syncing to a Mac or PC requires:

macOS Catalina 10.15 or later using the Finder

macOS High Sierra 10.13 to macOS Mojave 10.14.6 using iTunes 12.9 or later

Windows 10 or later using iTunes 12.12.10 or later (free download from apple.com/uk/itunes/download)

Languages

Language support

Arabic, Bulgarian, Catalan, Chinese (Simplified, Traditional, Traditional – Hong Kong), Croatian, Czech, Danish, Dutch, English (Australia, India, UK, US), Finnish, French (Canada, France), German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Kazakh, Korean, Lithuanian, Malay, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovak, Slovenian, Spanish (Latin America, Spain, US), Swedish, Thai, Turkish, Ukrainian, Vietnamese

QuickType keyboard support

Ainu, Akan, Albanian, Amharic, Apache (Western), Arabic, Arabic (Najdi), Armenian, Assamese, Assyrian, Azerbaijani, Bangla (Alphabetic, InScript, Transliteration), Belarusian, Bodo, Bulgarian, Burmese, Cantonese – Traditional (Cangjie, Handwriting, Phonetic, Stroke, Sucheng), Catalan, Cherokee, Chickasaw, Chinese – Simplified (Handwriting, Pinyin – QWERTY, Pinyin – 10-Key, Shuangpin, Stroke), Chinese – Traditional (Cangjie, Handwriting, Pinyin – QWERTY, Pinyin – 10-Key, Shuangpin, Stroke, Sucheng, Zhuyin), Choctaw, Chuvash, Croatian, Czech, Danish, Dhivehi, Dogri, Dutch (Belgium, Netherlands), Dzongkha, Emoji, English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Estonian, Faroese, Filipino, Finnish, Flemish, French (Belgium, Canada, France, Switzerland), Fula (Adlam), Georgian, German (Austria, Germany, Switzerland), Greek, Gujarati (Alphabetic, InScript, Transliteration), Hausa, Hawaiian, Hebrew, Hindi (Alphabetic, InScript, Transliteration), Hmong (Pahawh), Hungarian, Icelandic, Igbo, Inari Sámi, Indonesian, Ingush, Irish Gaelic, Italian, Japanese (Kana, Romaji), Kabyle, Kannada (InScript, QWERTY, Transliteration), Kashmiri (Arabic, Devanagari), Kazakh, Khmer, Kildin Sámi, Konkani (Devanagari), Korean (2-Set, 10-Key), Kurdish (Arabic, Latin), Kyrgyz, Lao, Latvian, Liangshan Yi, Lithuanian, Lule Sámi, Lushootseed, Macedonian, Maithili, Malay (Arabic, Latin), Malayalam (Alphabetic, InScript, Transliteration), Maltese, Mandaic, Manipuri (Bengali, Meetei Mayek), Māori, Marathi (InScript, QWERTY, Transliteration), Mi'kmaw, Mongolian, Mvskoke, Navajo, Nepali, N'Ko, North Sámi, Norwegian (Bokmål, Nynorsk), Odia (Alphabetic, InScript), Osage, Pashto, Persian, Persian (Afghanistan), Pite Sámi, Polish, Portuguese (Brazil, Portugal), Punjabi (Alphabetic, InScript, QWERTY, Transliteration), Rejang, Rohingya, Romanian, Russian, Samoan, Sanskrit, Santali (Devanagari, Ol Chiki), Serbian (Cyrillic, Latin), Sindhi (Arabic, Devanagari), Sinhala, Skolt Sámi, Slovak, Slovenian, South Sámi, Spanish (Latin America, Mexico, Spain), Swahili, Swedish, Tajik, Tamazight (Standard Moroccan), Tamil (Anjal, Tamil 99, Transliteration), Telugu (Alphabetic, InScript, QWERTY, Transliteration), Thai, Tibetan, Tongan, Turkish, Turkmen, Ukrainian, Ume Sámi, Urdu (Alphabetic, QWERTY, Transliteration), Uyghur, Uzbek (Arabic, Cyrillic, Latin), Vietnamese (Telex, VIQR, VNI), Wancho, Welsh, Wolastoqey, Yiddish, Yoruba

QuickType keyboard support with auto-correction

Arabic, Arabic (Najdi), Bangla (Alphabetic, InScript, Transliteration), Bulgarian, Catalan, Cherokee, Chinese – Simplified (Pinyin – QWERTY), Chinese – Traditional (Pinyin – QWERTY), Chinese – Traditional (Standard, Zhuyin-Grid), Croatian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Estonian, Filipino, Finnish, French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek, Gujarati (Alphabetic, InScript, Transliteration), Hawaiian, Hebrew, Hindi (Alphabetic, InScript, Transliteration),

Hungarian, Icelandic, Indonesian, Irish Gaelic, Italian, Japanese (Kana, Romaji), Korean (2-Set, 10-Key), Latvian, Lithuanian, Macedonian, Malay, Marathi (Alphabetic, InScript, Transliteration), Norwegian (Bokmål, Nynorsk), Persian, Persian (Afghanistan), Polish, Portuguese (Brazil, Portugal), Punjabi (Alphabetic, InScript, QWERTY, Transliteration), Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Spanish (Latin America, Mexico, Spain), Swedish, Tamil (Alphabetic, Anjal, Tamil 99, Transliteration), Telugu, Thai, Turkish, Ukrainian, Urdu (Alphabetic, QWERTY, Transliteration), Vietnamese (Telex)

QuickType keyboard support with predictive typing

Arabic, Arabic (Najdi), Bangla, Cantonese (Traditional), Chinese (Simplified, Traditional), Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek, Gujarati, Hebrew, Hindi, Icelandic, Indonesian, Italian, Japanese, Korean, Lithuanian, Marathi, Norwegian (Bokmål, Nynorsk), Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Slovenian, Spanish (Latin America, Mexico, Spain), Swedish, Tamil, Telugu, Thai, Turkish, Vietnamese

QuickType keyboard support with multilingual typing

Chinese (Simplified – Pinyin, Traditional – Pinyin), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew, Hindi (Latin), Italian, Japanese (Romaji), Polish, Portuguese (Brazil, Portugal), Romanian, Spanish (Latin America, Mexico, Spain), Turkish, Vietnamese

QuickType keyboard support with contextual suggestions

Arabic, Arabic (Najdi), Chinese (Simplified), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hindi (Devanagari, Latin), Italian, Portuguese (Brazil), Russian, Spanish (Latin America, Mexico, Spain), Swedish, Turkish, Vietnamese

QuickPath keyboard support

Arabic, Chinese (Simplified – Pinyin – QWERTY, Traditional – Pinyin – QWERTY), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew, Italian, Korean, Polish, Portuguese (Brazil, Portugal), Romanian, Spanish (Latin America, Mexico, Spain), Swedish, Vietnamese

Siri languages

Arabic (Saudi Arabia, United Arab Emirates), Cantonese (China mainland, Hong Kong), Danish (Denmark), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Ireland, New Zealand, Singapore, South Africa, UK, US), Finnish (Finland), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew (Israel), Italian (Italy, Switzerland), Japanese (Japan), Korean (Republic of Korea), Malay (Malaysia), Mandarin Chinese (China mainland, Taiwan), Norwegian (Norway), Portuguese (Brazil), Russian (Russia), Spanish (Chile, Mexico, Spain, US), Swedish (Sweden), Thai (Thailand), Turkish (Türkiye)

Dictation languages

Arabic (Kuwait, Qatar, Saudi Arabia, United Arab Emirates), Cantonese (China mainland, Hong Kong), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Ireland, Malaysia, New Zealand, Philippines, Saudi Arabia, Singapore, South Africa, United Arab Emirates, UK, US), Finnish, French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Switzerland), Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian (Italy, Switzerland), Japanese, Korean, Malay, Mandarin Chinese (China mainland, Taiwan), Norwegian (Bokmål), Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Shanghainese (China mainland), Slovak, Spanish (Latin America, Mexico, Spain, US), Swedish, Thai, Turkish, Ukrainian, Vietnamese

Monolingual dictionary support

Bulgarian, Catalan, Chinese (Simplified, Traditional, Traditional – Hong Kong), Danish, Dutch, English (UK, US), French, German, Greek, Hebrew, Hindi, Italian, Japanese, Korean, Malay, Norwegian, Polish, Portuguese, Punjabi, Romanian, Russian, Spanish, Swedish, Thai, Turkish

Idiom dictionary support

Cantonese–English, Chinese (Simplified)–English, Chinese (Traditional)–English

Bilingual dictionary support

Arabic – English, Bangla – English, Cantonese (Traditional) – English, Chinese (Simplified) – English, Chinese (Simplified) – Japanese, Croatian – English, Czech – English, Danish – English, Dutch – English, Finnish – English, French – English, French – German, German – English, Greek – English, Gujarati – English, Hindi – English, Hungarian – English, Indonesian – English, Italian – English, Japanese – English, Kannada – English, Kazakh – English, Korean – English, Malay – English, Malayalam – English, Norwegian – English, Polish – English, Portuguese – English, Punjabi – English, Russian – English, Slovak – English, Spanish – English, Swedish – English, Tamil – English, Telugu – English, Thai – English, Turkish – English, Ukrainian – English, Urdu – English, Vietnamese – English

Thesaurus

Chinese (Simplified), English (UK, US)

Spellcheck

Arabic, Arabic (Najdi), Bulgarian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Finnish, French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek, Finnish, Hindi (Devanagari), Hungarian, Irish Gaelic, Italian, Norwegian (Bokmål, Nynorsk), Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Spanish (Latin America, Mexico, Spain), Swedish, Telugu, Turkish, Vietnamese

Apple Pay–supported regions

Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Belgium, Brazil, Bulgaria, Canada, Chile, China mainland,¹⁰ Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, El Salvador, Estonia, Faroe Islands, Finland, France, Georgia, Germany, Greece, Greenland, Guatemala, Guernsey, Honduras, Hong Kong, Hungary,

Iceland, Ireland, Isle of Man, Israel, Italy, Japan, Jersey, Jordan, Kazakhstan, Korea (Republic of), Kuwait, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao, Malaysia, Malta, Mexico, Moldova, Monaco, Montenegro, Morocco, Netherlands, New Zealand, Norway, Palestine, Panama, Peru, Poland, Portugal, Qatar, Romania, San Marino, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Taiwan, UK, Ukraine, United Arab Emirates, US, Vatican City, Vietnam

Video Playback

Supported formats include HEVC and H.264
Supports Dolby Vision and HDR10 content

Audio Playback

Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus and Dolby Atmos
User-configurable maximum volume limit

Mail Attachment Support

Viewable document types

.jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics; .usdz; .pkpass (Wallet)

Environmental Requirements

Ambient operating temperature:

0° to 35° C (32° to 95° F)

Non-operating temperature:

-20° to 45° C (-4° to 113° F)

Relative humidity:

5% to 95% non-condensing

Operating altitude:

tested up to 3,000 metres (10,000 feet)

iPad and the Environment

iPad is designed to reduce environmental impact:¹¹

[See the iPad Product Environmental Report \(PDF\)](#)

Progress towards Apple 2030

40% recycled content¹²

Over 30% of manufacturing electricity sourced from renewable electricity¹³

Over 40% emissions reduction against business-as-usual scenario as modelled by Apple¹⁴

[See Apple's commitment](#)

Materials

100% recycled aluminium in the enclosure and metal chassis

100% recycled cobalt and over 95% recycled lithium in the battery

100% recycled copper in multiple printed circuit boards
100% recycled gold wire in all cameras
100% recycled gold in the plating of all Apple-designed printed circuit boards and all connectors
100% recycled rare earth elements in all magnets
100% recycled tin in the solder of multiple printed circuit boards
80% recycled steel in the logo
15% recycled glass in the cover glass
At least 50% recycled plastic in 11 components
100% fibre-based packaging¹⁵
41% recycled content in fibre-based packaging

Energy

Over 30% of manufacturing electricity for iPad is sourced from renewable electricity

ENERGY STAR® certified¹⁶

Waste

No established final assembly sites generate waste sent to landfill as part of Apple's Zero Waste Programme

Smarter chemistry¹⁷

Arsenic-free glass

Mercury-, BFR- and PVC-free

1. Available space is less and varies due to many factors. Storage capacity is subject to change based on software version, settings and iPad model. 1GB = 1 billion bytes; 1TB = 1 trillion bytes. Actual formatted capacity less.
2. Size and weight vary by configuration and manufacturing process.
3. FaceTime calling requires a FaceTime-enabled device for the caller and recipient and a Wi-Fi connection. Availability over a mobile network depends on provider policies; data charges may apply.
4. Data plan required. 5G, Gigabit, LTE and Wi-Fi calling are available in selected markets and through selected network providers. Speeds are based on theoretical throughput and vary based on site conditions and network. For details on 5G and LTE support, contact your provider and see apple.com/uk/ipad/cellular.
5. Data plan sold separately. The model you purchase is configured to work with a particular mobile network technology. Check with your network provider for compatibility and data plan availability.
6. For Model A3355, see your provider for details. Not available in China mainland.
7. Siri may not be available in all languages or in all areas, and features may vary by area. Internet access required. Mobile data charges may apply.
8. Testing conducted by Apple in January and February 2025 using pre-production iPad (A16) units and software. Testing consisted of full battery discharge while performing each of the following tasks: video playback and internet browsing using Wi-Fi or a mobile data network (cellular models subscribed to LTE and 5G networks). Video content was a repeated 2-hour 23-minute movie purchased from the iTunes Store. Internet over Wi-Fi and mobile data network tests were conducted using dedicated web servers, browsing snapshot versions of 20 popular web pages. All settings were default except: Wi-Fi was associated with a network (except for internet browsing over mobile data network); the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off; Brightness was set to 50%; and WPA2 encryption was enabled. Battery life depends on device settings, usage, network and many other factors. Battery tests are conducted using specific iPad units; actual results may vary.
9. Wireless broadband recommended; fees may apply.
10. In China mainland, you can use Apple Pay on the web in Safari only on compatible iPhone and iPad models using iOS 11.2 or later.
11. Data accurate as of product launch.
12. Product recycled or renewable content is the mass of certified recycled material relative to the overall mass of the device, not including packaging or in-box accessories.
13. We estimate the percentage of electricity-related emissions in our manufacturing that is sourced from low-carbon electricity by attributing to our carbon model low-carbon energy procured by our suppliers in the prior fiscal year, based on the supplier manufacturing allocations at time of product launch. This calculation assesses the suppliers for iPad. Included in this number is only low-carbon electricity that Apple or its suppliers have procured as part of Apple's Supplier Clean Energy Programme.
14. Carbon reductions are calculated against a product-specific business-as-usual scenario as modelled by Apple: 1) No use of clean electricity for manufacturing or product use, beyond what is already available on the latest modelled grid (based on regional emissions factors). 2) Apple's carbon intensity of key materials as of 2015 (our baseline year for our 2030 product carbon-neutrality goal). Carbon intensity of materials reflects use of recycled content and production technology. 3) Apple's

average mix of transport modes (air, rail, sea, land) by product line and by region across three years (fiscal years 2017 to 2019) to best capture the baseline transport emissions of our products.

15. Based on retail packaging as shipped by Apple. Breakdown of US retail packaging by weight. Adhesives, inks and coatings are excluded from our calculations of plastic content and packaging weight.

16. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the US Environmental Protection Agency.

17. Apple's Regulated Substances Specification describes Apple's restrictions on the use of certain chemical substances in materials in Apple products, accessories, manufacturing processes, and packaging used for shipping products to Apple's end customers. Restrictions are derived from international laws or directives, regulatory agencies, eco-label requirements, environmental standards and Apple policies. Every Apple product is free of PVC and phthalates except for AC power leads in India, Thailand (for two-pin AC power leads) and the Republic of Korea, where we continue to seek government approval for our PVC and phthalates replacement. Apple products comply with the European Union Directive 2011/65/EU and its amendments, including exemptions for the use of lead such as high-temperature solder. Apple is working to phase out the use of these exempted substances for new products where technically possible.

Helpful?

Yes

No

Support

iPad (A16) - Tech Specs