

Video {Processing} for any scale

A Leading Company in
Streampro & proAV Solution



@RGBlink



/RGBlink



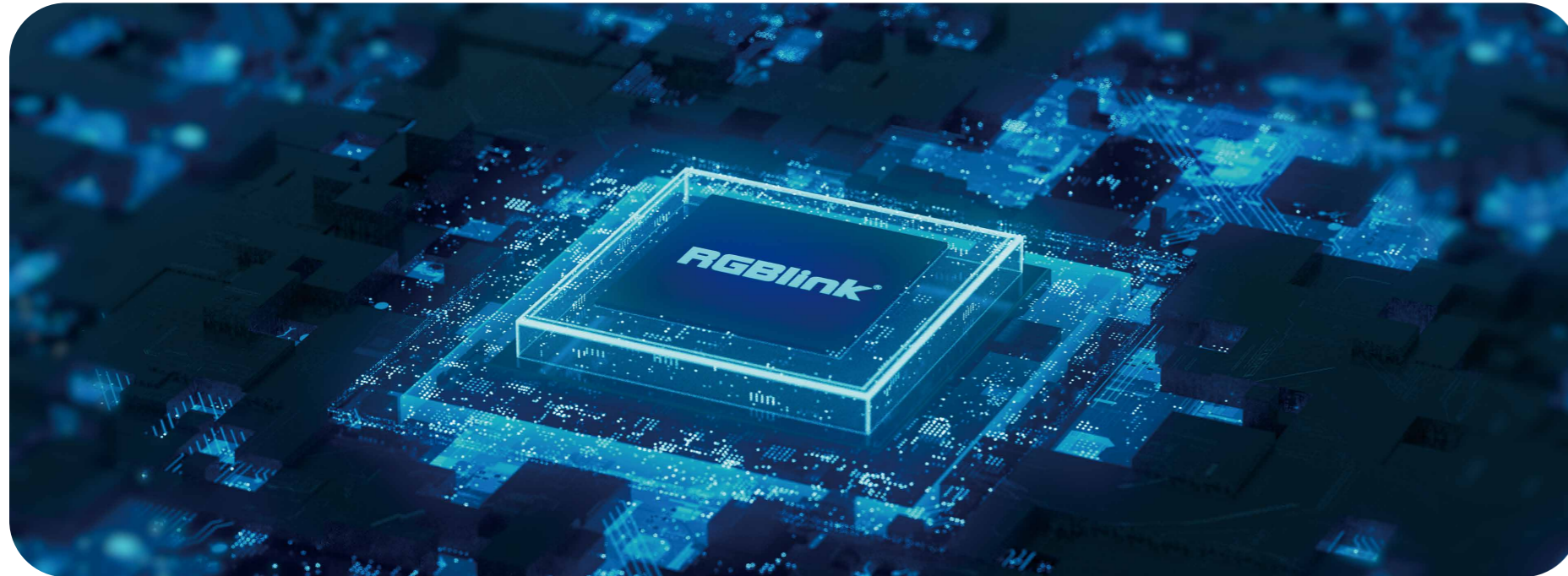
/RGBlink



@RGBlink

RGBlink[®]

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HDMI®



HDCP



NDI®



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About RGBlink

16 years leading in the Streampro & proAV standard.

With more than 100,000+ users, RGBlink is committed to becoming an excellent global brand, and manages Content to Cloud (C2C) & Content to Display(C2D) more than easy into new milestone.



100000+

Global Live Broadcast

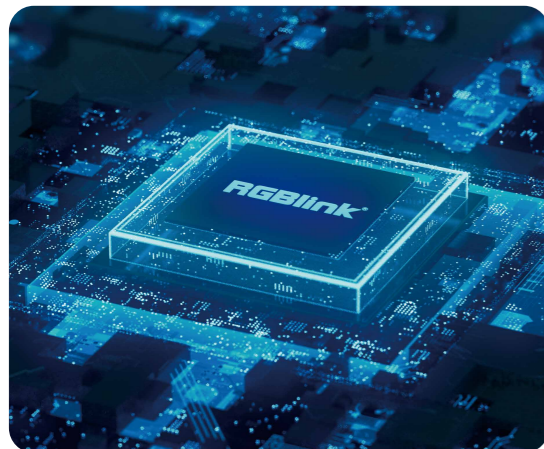
140+

Countries Range

16 Years

Leading In The Standard

Keep Connected Globally in Broadcasting & Integration Events

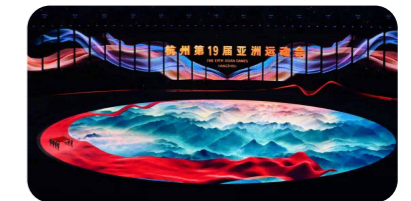


Business Partners

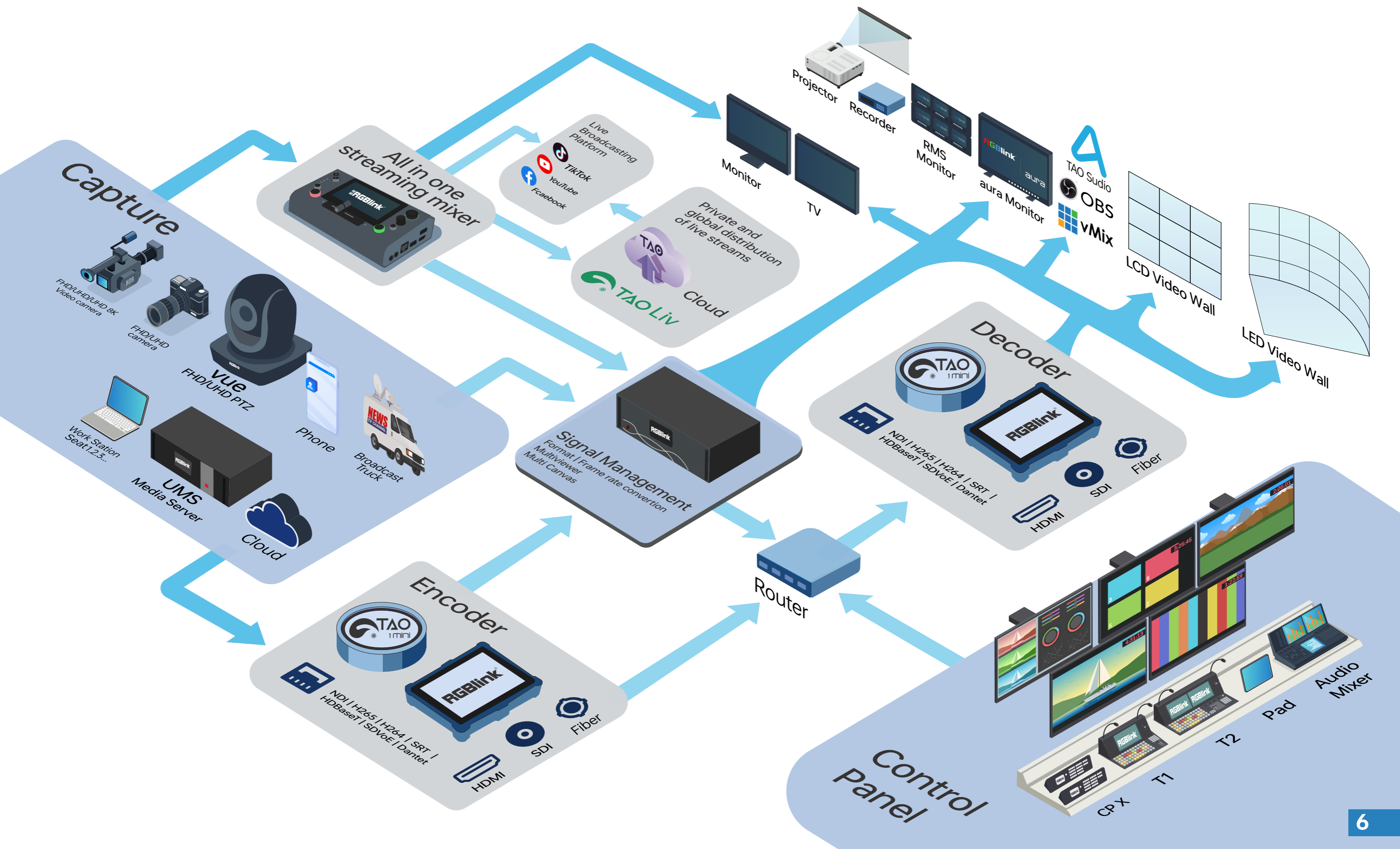


Case Study

CCTV Spring GALA (2012-2024) , the Asian Games (2023) , BRICS SUMMIT (2017,2021) , F1 World Championship (Melbourne, Singapore, Montreal, Shanghai, Sochi) and many International Events.



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Capture to Cloud

Capture



vue series



RGB12x-POE-WH/
RGB20x-POE-WH/
RGB30x-POE-WH

- High speed optical zoom
- TALLY Crown
- High performance in low light scenarios with Wide Dynamic Range
- Full 1920x1080p FHD Resolutions up to 60 frames per second
- H.265/H.264 Dual Stream Output Adapted to Different Network Environments
- Pan and Tilt Control
- Support PoE(IEEE 802.3af 48V)



RGB12x-PNDI-WH NDI/
RGB20x-PNDI-WH NDI/
RGB30x-PNDI-WH NDI

- High speed optical zoom
- High performance in low light scenarios with Wide Dynamic Range
- Full 1920x1080p FHD Resolutions up to 60 frames per second
- 2D & 3D low noise CMOS
- PTZ control via serial, IP or NDI
- H.264, H.265 & MJPEG Streaming
- Stream simultaneously to up to three protocols
- Support PoE(IEEE 802.3af 48V)



RGB12x-UPAI-OL/
RGB20x-UPAI-OL

- High speed optical zoom
- High performance in low light scenarios with Wide Dynamic Range
- 3840x2160p UHD Resolutions up to 60 frames per second
- 2D & 3D low noise CMOS
- PTZ control via serial, IP or NDI
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RGB20x-UNAI-OL

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- Pan and Tilt Control
- Wide Application
- Low-power Sleep Function
- Support PoE(IEEE 802.3af 48V)



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RGB20x-UNAI-WH

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Capture to Cloud



mini series



mini
Streaming Switcher

- The most mini 4 channels switcher in the industry
- Pixel based scalable Pip settings
- Driver free as webCAM to any platform
- Mixed digital embedded and analog audio into output
- Multiview all 4 inputs on 2 inch monitor
- Modern touch control in a 2 inch pane
- T-bar or CUT switching between input sources & Presets with 17+ transition effects
- Remote controllable from any mobiles, tablets and PC with open API



mini-pro
Streaming Switcher

- pro than mini with all mini features including
- PTZ camera controller for, tilt, zoom, focus cameras from the switcher
- 4K UHD compatible across four HDMI inputs
- PIP with blending effect
- Two HDMI outputs separately (1 more HDMI output compared with mini)
- DSK for virtual production
- USB disk for recording
- Streaming out directly from ethernet port



mini-ISO
10 Channel Streaming Switcher

- Built-in 3.5 inch LCD screen
- Quad HDMI 2.0 inputs (HDCP), resolution up to 4K@60
- Quad 3G SDI inputs
- One USB (UVC) input supports camera source from RGBlink vue PTZ and webCAM
- Dual HDMI 1.3 outputs for monitoring of multi-window PVW, PGM or AUX
- Two audio inputs and One audio jack out for monitor
- Web app control and monitoring, compatible with cell phone, tablet and PC, including Windows, Android, mac OS
- Streaming to TAO cloud
- mini PTZ control panel for 4 PTZ cameras



mini-ultra
World First 4k Streaming Video Production Mixer

- Built in 4in monitor and touchscreen
- Input connections for 2x HDMI 2.0 plus 4K media
- 2+1 assignable video input channels
- 2 pixel-to-pixel video layers
- 5 graphic layers including background
- Up to 4 channel audio mix
- Dual independant 4K HDMI 2.0 outputs
- 4K program recording
- 4K RTMP & NDI streaming over IP
- Stream and manage from RGBlink TAO cloud
- Integrated VISCA PTZ camera control
- Control and integrate via RGBlink OpenAPI



mini-edge/ mini-edge SDI
5 Channel All-in-One Switcher

- edge than pro with all mini-pro features built in
- 5.5 inch monitor without touch panel
- edge is with full buttons panel especially for video engineer
- 3 separately layers including PIP based on a media background
- UVC input for USB cameras including vue PTZ and webCAM
- 8 channels audio mixed including one bluetooth and one phantom audio
- WebAPP control and monitoring with mobile, tablet and PC compatible
- Customized buttons with webAPP pre-program
- Built in streaming to TAO cloud
- Connect to 4G/5G smartphone telecom data by UVC interface



mini-mx/ mini-mx SDI
All in One Streaming Production Mixer

- mx than edge with all mini-edge features built in except customized buttons
- 5.5 inch monitor with touch panel
- mx is with audio fades especially for audio engineer
- Extra subtitle based on existed 3 separately layers including scoreboard
- UVC input for both USB cameras and type C bi-direction audio
- 12 channels audio mixed including two phantom audio
- Media play back capacity from recorded USB disk



mini-EFP
Live Production with Flexibility

- Module design
- Audio and video integration
- Robust for field production
- with multiple SDI | HDMI | Fiber options



Encoder & Decoder



TAO series



NEW

TAO Cloud
Online Solution for Live Streaming

- Cover most of the live broadcast platforms, support simultaneous streaming of 30+ platforms
- Create personalized live streaming webpage by setting color, font style, background, layout, and more
- Streaming system and distribution service
- Local and cloud storage for uploading and downloading
- Three types of live streaming rooms available
- Wide application, suitable for live streaming, live commerce, online training, teleconference

NDI|HX3



TAO 1mini
The Streaming Node

- Small and compact, easy to carry
- Serve as either NDI video encoder or NDI decoder
- Stream to at least 4 platforms at the same time
- Low latency of end-to-end transmission
- Intuitive touch control, higher color and image quality
- Power from USB-C or PoE network
- LED TALLY indicators
- Support multiple formats, including RTMP/RTMPS/RTSP/SRT/FULL NDI/NDI | HX3/NDI | HX2/ NDI | HX

NDI|HX



TAO 1pro
Recorder-Switcher-Streamer

- 5.5-inch touchscreen operation
- Network HD streaming
- Seamless switcher
- 2*UVC inputs, 2*HDMI 1.3 input and 1* HDMI 2.0 output
- HDCP supported
- NDI 5.0 encoder
- NDI decoder
- Recording via USB 2.0 port, mobile hard disk stores up to 2T
- Multistream up to 4 Live Streaming platforms simultaneously

NDI|HX



TAO 1pro-s
NDI Encoder and Decoder

- NDI encoder and decoder
- Asynchronous rotation of main screen and HDMI output
- 5.5 inch HD touch screen for operation
- Sound column
- HDCP supported
- Type-C interface for charging, support PD protocol
- 2*UVC inputs, 1*HDMI 1.3 input, 1*SDI input and 1*HDMI 2.0 output
- Compatible with SONY NF970 and Panasonic AG-VBR59MC, standard battery socket (no battery install for standard version)



TAO 1tiny
UVC-HDMI Capture Converter

- 4K UVC camera to HDMI conversion
- Power from standard USB-C PD PSU's
- Webcam signal transcoding
- Low power consumption
- Support for USB bluetooth controls



Synergy of meetings



ASK series



ASK nano/ ASK nano p2p
HDMI Screen Sharing Sticks

- Up to 40m between laptop and connected display
- Self-powered on most laptops
- Compact and discrete
- Plug-and-Play – no drivers required
- Support for Windows, macOS, iOS and Android screen sharing
- Low latency
- ASK nano support audio transmission (HDMI embedded)



ASK nano 4K
4K UHD Wireless Collaboration Tools

- 1 transmitter & 2 receivers support dual display
- Compact and discrete
- Plug-and-Play – no drivers required
- Support for Windows, macOS, iOS and Android
- 100ms low latency
- Support HDMI output with embedded audio
- Built-in WIFI 5G Band 1 (preferred) and Band 4



ASK nano 4K (USB-C)
4K UHD Wireless Presentation and Collaboration System

- Plug and play
- Auto selection of the best Wi-Fi channel to ensure smooth streaming
- Share the images and audio from smart-phone camera or to the large display simultaneously
- Support iOS/Android/Windows system
- HDCP supported to ensure data security
- USB-C interface of the video source must support the DP protocol (DisplayPort)
- Come with the fast 802.11ac MIMO technology to increases Wi-Fi speeds
- 4K60 high resolution quality



ASK plus p2p
4K Wireless HDMI Extender

- 200m long distance transmission
- Support 4K30 resolution
- KVM keyboard and mouse back control
- Touch screen background control function
- Mobile phone monitoring input signal content
- One shot overcharged



ASK ULTRA
4K HDMI 2.0 super low latency Extender

- Ultra-low 1-2 frame delay
- 200m long distance transmission
- High stability
- Strong anti-interference
- Support customized resolution
- Support HDR10
- Support 4K@60 resolution
- KVM keyboard and mouse back control
- Mobile phone monitoring input signal content
- One shot overcharged

Capture to Cloud

Cloud

bond series



bond 7
FHD mobile live box

- HDMI 1.3 input
- 5 Network binding to increase network data capacity
- Live streaming and aggregation routing, smoother live streaming
- Switch between horizontal screen/vertical screen mode as will to meet viewing experiences
- Ready in connect with TAO cloud for restreaming
- High quality H.264 | H.265 codec
- Multi-charge mode, compatible with different types of battery replacement
- Built-in WiFi-2.4G/5G
- Real-time local on the LCD indication



bond 7 UHD
UHD mobile live box

- HDMI 2.0 and UVC input
- 5G network capacity and binding
- Live streaming and aggregation routing, smoother live streaming
- Switch between horizontal screen/vertical screen mode as will to meet viewing experiences
- High quality H.264 | H.265 | NDI HX3 codec
- Multi-charge mode, compatible with different types of battery replacement
- Built-in WiFi-2.4G/5G
- Real-time local on the LCD indication





Presentation Processors

D series



D8
8K Native Video Scaler

- 8K@60 input
- Support signal switch between two 8K@60 inputs
- Built-in 4" LCD touch screen control
- 8K EDID management
- Genlock synchronization unequal splicing, multiple splicing layouts available
- Layer cropping and scaling
- Genlock input and loop through
- Support standard output resolution and customize output resolution
- XPOSE 2.0 control
- Hot swap
- Open API



D4
The standard in multi-format 4K presentation switching

- 4Up to 8K2K output splicing
- 4K@60 outputs including HDMI 2.0, DisplayPort 1.2, 12G SDI Internal YUV4:4:4 processing 12 Bit processing
- HDR 10 & HLG compliance HDCP 2.X compliance
- 4K@60 HDMI 2.0 input
- 4K@60 DP 1.2 input
- 12G/6G/3G/HD/SD SDI input compatible
- Support for 8K1K native input and output
- 4K EDID management
- Multiple operation mode including Switcher, video wall with different pre-sets
- Optional DVI outputs supports AOI splicing



D2
Presentation Switcher & Seamless Scaler

- AIAO: arbitrary signal input and output
- 2-channel seamless switcher
- Format and frame conversion
- EDID management
- Scale and Position
- Picture in Picture
- DSK/Chroma Key
- Auto noise reduction
- 10 bit processing capability
- Rotation and Flip
- Custom resolution
- LOGO Capture
- Signal Backup
- XPOSE control
- Open API for third-party remote control



Universal Processors

X series



X14

Broadcasting multi-screen multi-window Video Wall Processor

- Up to 52 2K inputs / 13 4K inputs (or combination of)
- Up to 40 outputs / 20 4K outputs (or combination of)
- Seamless switching Display up to 160 layers, 4 layers each output
- Multi-display system integrated management
- Simultaneous & multiple operation modes
- Redundant hot swap power supply option and auto temperature control
- EDID management
- Streaming source preview to XPOSE or 3rd party via H.264
- Powerful format conversion among H.264, HDBaseT, SDI(SD-12G), VGA, CVBS, USB, HDMI(1.3, 1.4, 2.0), DVI, DP(1.1, 1.1a, 1.2)



X8

Redefining 8K Video Processing

- 4K ready with 24 link HDMI 2.0 input
- 8K input
- HDR 10 & HLG compliant
- HDMI 2.0 output module support up to 2*4K2K@60
- EDID management within 8K range
- Standard and customisable out resolution within 4K range
- OSD overlay features
- XPOSE 2.0 control
- GENLOCK/SYNC
- I/O Module Based Design and hot swap capacity



X7

for mega scale video walls

- Support for HDR
- 12 Bit processing
- Modular design throughout for input and output
- Hot swap input and output modules
- Up to 64 mega pixels output splicing
- Display up to 64 layers
- Compatible with all display system
- Standard 4K input support
- EDID management
- Preview sources via IP module option
- Genlock Digital Reference inputs as standard
- Control via XPOSE and T series consoles
- Redundant PSU option



X3

High performance video wall processing

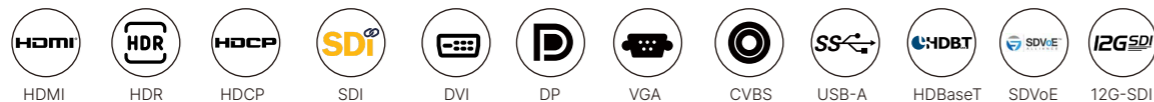
- Scalable videowall processing for up to 8 display outputs
- Up to 16 modular inputs across four slots
- High speed dedicated video/graphic bus for real-time performance
- Seamless switching between inputs, display windows and layers
- Output up to 16 layers across 8 outputs
- Independent Preview module with streaming (X3p only)
- Simultaneous & multiple operation modes



X2

compact Broadcasting Quality Mixed Signal Video Wall Processor

- 4 input slots support up to 16x(2K) or 4x(4K@30) signals, 4 output slots support up to 16x(2K)
- Wide range of user fit smart detect signal choices for input and output
- Auto input format detect and conversion
- EDID Management on board
- Genlock Y and Digital Reference built in
- Real-time resolution adaptation
- Isolated storage and frame rate conversion
- Rotation in 90° increments
- Color uniformity compensation technology
- DSK and Chroma Key features





M series



M3
14 channel Mixed Signal Video Mixer

- Integrated video scaler and mixer
- Dual built in LCD preview monitors
- Dedicated Multi-view
- Fully modular design
- Genlock built-in
- Tally support built-in
- Modular design
- Layer effects
- Save and Recall presets
- Designed for live video control
- 4 PIPs on 4Kx1K pixels BG+4 AUX splicing/independent outputs splicing



M2
9-Channel Mixed Signal Video Mixer

- 3 slots up to 9 user fit input modules
- Support hot swap modules
- Preview up to 8 inputs
- Seamless switching between PST and PGM
- Output splicing up to 4K2K or 8K1K
- Independently control two different displays
- 15 Transition Effects on the T-bar and TAKE button
- 3 video layers plus additional layers for OSD, LOGO, STILL
- Mask feature for foreground layer including support for user defined mask
- Compatible with all display types
- Genlock Y In
- Save Presets and settings on board to USB



M1
9-Channel Mixed Signal Video Mixer

- Module based design for wide range in/outrequest
- Module hot swappable
- Preview 4 inputs
- Seamless switching between PST and PGM
- Support NDI decoding
- Multiple audio outputs available
- Streaming via USB 3.0 output module and mobile phone
- 2 video layers plus additional layers for OSD, LOGO, STILL
- Mask for foreground layer including support for user defined mask
- Compatible with all kinds of Digital Displays
- Genlock Y In
- Multiple Presets and savable to the external USB disk
- 14 Transition Effects on the T-bar and TAKE button
- PTZ VISCA control compatible



Content to Display



mixed signal switcher and video wall processor

Q series



Q16pro 8U
Multi-Window splicing processor
for LCD & LED Videowall

- Has all the functions of Q2 2U
- 10 Input Slots
- 10 Output Slots
- Shared Slots Output slot No.1~No.8



Q16pro 4U
Multi-Window splicing processor
for LCD & LED Videowall

- Has all the functions of Q2 2U
- 4 Input Slots
- 5 Output Slots
- Shared Slots Output slot No.1~No.4



Q16pro 2U
Multi-Window splicing processor
for LCD & LED Videowall

- Each module supports 8 screens spanning the output port without occupying layers
- 12 bit input and output, RGB 4:4:4 color space
- Dual independent OSD rolling subtitles
- Multi-window monitoring for inputs
- 1 signal output supported
- 3 Input Slots
- 2 Output Slots



Q16pro 1U
Multi-Window splicing processor
for LCD & LED Videowall

- Each module supports 8 screens spanning the output port without occupying layers
- 12 bit input and output, RGB 4:4:4 color space
- Dual independent OSD rolling subtitles
- Multi-window monitoring for inputs
- 1 signal output supported
- 2 Input Slots
- 1 Output Slots





FLEXpro series



FLEXpro 16
Broadcast-quality Hybrid Multiviewer Switcher

- Connected to a programmable panel via Ethernet or serial port for remote control
- 4" HD touch screen for showing input& output status and menu operation
- Dual Network Communication: one for local communication (LAN) and the other for remote control and monitoring (H.265)
- 12 bit processing for HDMI 1.3 input and output, support RGB 4:4:4 color space
- De-interlacing processing, i signal output supported
- Support monitoring of up to 16 Dante audio input channels



FLEXpro 8
Next generation flexible tiny module based Video Wall Presentation Switcher and Processor

- Up to 16 mega pixels output splicing
- Display up to 32 layers
- Up to 16 individual inputs
- Support for up to 32 outputs to LED displays
- Independent PVW outputs
- Compatible with HDBaseT and Optical Fiber Module
- Genlock Y In Support
- Control via XPOSE

FLEX series



FLEX 16
16x16 Mixed Signal Matrix & Videowall Processor

- 16x16 fully modular input and outputs
- Mixed format input and output matrix
- 36 mega pixel capacity
- Automatic signal switching
- Save & Recall up to 256 Presets
- Set output up to resolutions 2.4 mega pixels including 1080p@60Hz / 2048x1152@60Hz / 2560x816@60Hz
- EDID Management on board
- Matrix Control via front panel
- Control remotely via RGBlink OpenAPI
- Configuration & control with RGBlink XPOSE
- Powerful format converter for HDMI, DVI, DP, USB media, HDBaseT, SDI and more



FLEX B1
Advanced Rotation and Blending for Creative Display Design

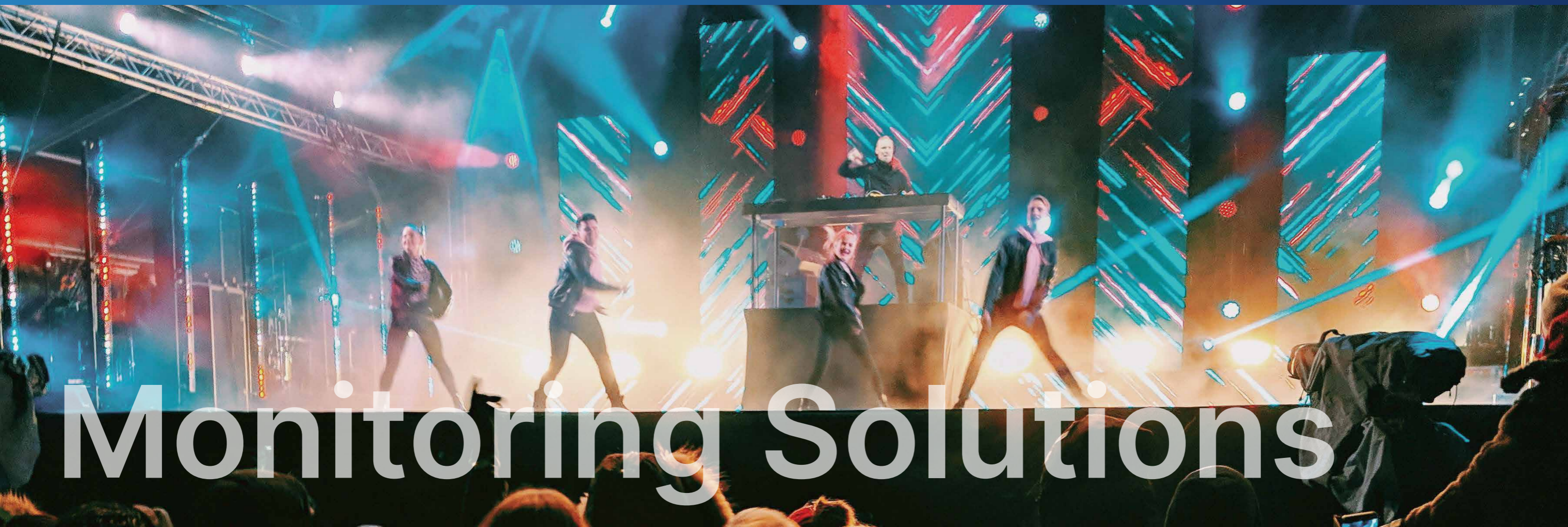
- Expandable selection of 2U/3U/6U/12U different chassis to meet different application needs
- The selection of different input and output interface boards to realize the switching of different signal mixing matrices
- Splicing mode to realize splicing of LCD LCD wall and oversized LED display
- The screen is free to open windows, superimpose, roam, zoom, stretch, etc.
- Single port supports 2 layers, which can realize splicing multi-screen and multi-window overlay display
- N*M combination splicing, support custom output resolution
- High-definition basemaps, scrolling subtitles, pre-monitoring echo display
- Pre-monitoring echo display to realize monitoring of the safety dynamics of the input signal
- Client, API central control control



FLEX MINI
Modular Matrix Switcher

- 1-card 1-port fully modular architecture
- Seamless switching
- Support RGB/YUV4:4:4, 4K60 Input & Output
- Support EDID, HDCP2.2
- Centralized cross-platform controls up to 254 devices
- Support dual network and dual backup
- Support dual power modules and backup
- Control via crystal button, Web, APP and RS232Support signal
- switch among CVBS/YPbPr/HDMI/DP/DVI/SDI/HDBaseTSupport
- auto-storing when power off and auto-restoring data when booting
- Save and load up to 40 presetsEmbedded audio with audio embedding and de-embedding (interface: 3.5mm audio jack)





Monitoring Solutions

aura series



aura UHD studio Gen 2 24/27/32
12G-SDI Professional Film and Television Production

- Preview video editing app such as Davinci output through Thunderbolt
- Compared with the 1st generation, four 12G SDI signals can be monitored in quad-view at the same time. Window C is no longer limited to HDMI In 2 and USB-C
- Each window is allowed to select independent color mode under multiview
- Support HDR waveform
- ARRI and Red added to false color
- Under quad-view mode, each window has corresponding audio pillar
- Optimize energy saving, ESD, EMI circuit
- DC 24V XLR
- Support to install V mount battery plate



aura UHD 24/27/32
4K/8K HDR Monitor

- 12G-SDI 4K/8K HDMI signal
- 12G-SFP fiber port
- 4K IPS LCD panel
- USB-C (Thunderbolt) input port
- Wide color gamut
- Aluminum alloy frame
- Professional on set monitoring tools
- Payload ID automatically read
- Accurate 3D LUT color calibration
- 3D LUT, recreate film looks
- Multiple screen modes
- Three color Tally lights
- SDR and HDR image comparison function
- VESA mounting points

RMS series



RMS8424S
Preview Monitoring

- Standard 4 unit rack mount size
- 8 inch LCDx2
- 1024x3 (RGB) x600
- 16:9 / 4:3 adjustable
- SDI/HDMI embedded audio
- output via 3.5mm earphone socket
- Support SDI/DVI audio
- output for speaker
- TALLY light for each LCD unit
- Underscan/Overscan switch
- Customer editable video title
- Auto input standard detection



RMS 1516
4K Preview Monitor

- Zoom All
- Focus Assist
- Pixel to Pixel
- Pseudo-color
- Center Marker
- Overscan
- 3 Tally light
- Ratio Marker (80%, 85%, 90%, 93%, 96%, 2.35:1)
- Rotation by 90° increment
- Marker Color (Red,Green,Blue,White)
- Monochrome display (Red, Green, Blue,Grey)
- Color Temperature Adjustment
- Image Freeze
- Up to 4 pictures to display



RMS 1A x 2
independent LCD monito

- Compact size for versatile mounting
- Display 2K resolutions
- Auto detect a wide range of resolution
- DVI input and loop
- Preview media file from USB
- Range of mounting accessory options

Signal tool IP KVM Extender



MSP series

Signal tool



MSP 200pro
Signal Monitor & Generator

- Touch Screen control
- Output a range of signal types
- Set and select from a range of common output formats
- Audio Output test included
- Genlock Y & HS outputs
- Input live signals for preview and inspection
- On Board Test Pattern Generator
- On board Time Code Generator
- Genlock Y Input
- Preview digital input source on the display
- Output (pass through) digital input source for signal testing



MSP 221
EDID Manager

- HDMI or VGA (RGBVH) input
- DVI or VGA output
- EDID automatic identification
- HDCP 2.0 compliant
- Capture and store EDID information
- Set EDID from the keypad
- Max supported output resolution: 2560x816@60Hz
- Remote control

IP KVM Management



IC2
FHD KVM over IP

- Resolutions up to 1920 x 1080@60Hz
- Support embedded audio
- Single interface supports up to 4 layers
- Support multi-layers splicing, scaling, overlay and roaming
- Switch TX/RX via DIP
- Indicator lights
- Support USB keyboard and mouse (KVM)
- Static and dynamic OSD overlay



IC4
uHD KVM over IP

- Resolutions up to 3840 x 2160@60Hz
- Support embedded audio
- Support gigabit optical fiber transmission
- Single port supports up to 16 layers
- Support multi-layers splicing, scaling, overlay and roaming
- Monitor working status on OLED screen
- Support USB keyboard and mouse (KVM)
- Static and dynamic OSD overlay
- Support PoE

Extender



MSP 315/ MSP415
Extenders – cat5/6

- HDMI 1.4 and HDCP 2.2 compliant
- Support input of HDCP 2.2 standard and output HDCP 1.1
- Resolution up to 4K*2K@60Hz (4: 2: 0)
- Extend HDMI 1080p@60Hz up to 70m or 2160p@30Hz up to 40m over one single CAT-5e or CAT-6a cable
- Bi-directional 12V POE.
- Bi-directional IR and RS232 pass-through
- Bi-directional RS232 communication
- Bi-directional IR Control
- 2-pin DIP switch for choosing RS232 control and firmware upgrade



MSP 309
USB to Fiber Extender

- Compatible with USB 3.1, USB 2.0, USB 1.1
- USB 3.1 Gen1 data rate up to 5Gbps
- USB 2.0 data rate up to 480Mbps, USB 1.1 data rate up to 12Mbps
- Provide 4-port 3.1 hub, support all USB 3.1/2.0/1.1 devices
- Transmission over single-mode fiber or OM3 multi-mode fiber
- 1xLC fiber connector
- USB 3.1 to Fiber extender with low delay
- Powered by a DC+12V power adaptor
- Optical fiber transmission features strong anti-interference performance

Converter Distributor Capture Encoder/Decoder Matrix Switcher

Converter



MSP 405
HDMI/SDI/Fiber Converter

- Support 12G-SDI, HDMI 2.0 and fiber
- UHD resolution transmission up to 2160p
- Support SDI to HDMI + Fiber
HDMI to SDI + Fiber
Fiber to SDI + HDMI
- LCD input preview
- Test pattern output
- Type-C upgrade interface

Distributor



MSP 316H
HDMI 2.0 Distributor

- Support HDR signal pass through
- HDMI 2.0b, HDCP 2.2 compliant
- Up to 4K2K@60Hz with 24bit RGB/YCbCr 4:4:4
- VESA format up to QSXGA@60Hz
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Built-in equalizer, retiming and driver
- Smart EDID Switching, Left STD mode and Right TV mode
- Compact design for an easy and flexible installation

Capture



MSP 331U
HDMI 2.0 4K@60Hz Capture Card

- HDMI 2.0 input/loop support HDCP 2.3, backward compatible
- HDMI input/loop support up to RGB 4:4:4 8bit 4K@60Hz, backward compatible with 4K@50Hz, 4K@30Hz, 2K@240Hz
- USB 3.2 interface provides 5Gbps high bandwidth while ensuring stable power supply
- Capture output up to 3840x2160@60
- 4K uncompressed capture of video recording and live streaming
- Support video formats in RGB24, YUY2, P010, NV12, I420, compatible with OBS/Potplayer/VLC/Vmix/Xsplit/Microsoft Teams

Encoder/Decoder



MSP 325H
HDMI Encoder

- Support one main stream and three sub stream to different platform
- Support RTMP/ SRT stream to live platform
- Support WEB management
- Preview main/sub stream on WEB
- OSD can be configured on main/sub stream respectively
- Support words, logo, scrolling text and time for OSD



MSP 325N
UHD 4K HDMI Encoder

- H.265/H.264 high-performance encoding
- PoE & DC 12V power
- Low latency transmission
- Input resolution up to 4K@60Hz
- HTTP/SRT/RTMP/RTSP/NDI protocols
- USB interface for recording
- TAO Cloud integrated control



MSP 326L
H.265 Decoder And Transcoder

- Support output 4K@30Hz, YUV 4:4:4, HDCP 2.X
- Support HDMI, VGA, CVBS output
- Support external audio output
- Manage configuration on Web
- Support streaming RTMP/ RTMPS/RTSP/ HTTP TS/HTTP FLV/HLS/Specification UDP Multicast group/RTPMulticast/SRT

Matrix Switcher



DXP H1010
Matrix Switcher

- HDMI 2.0 with 3D, HDCP 2.2 & DVI1.1 Compliant.
- Rack mountable(1U design)
- Ultra-high-definition video up to 4K 60Hz @ 4:4:4 18Gbps (6Gbps per color)
- S/PDIF coaxial audio outputs allow audio
- Support HDR10, Dolby Vision, HLG to be de-embedded from HDMI outputs
- Supports up to, Dolby TrueHD, Dolby ATMOS, DTS-HD MA, DTS:X, LPCM 7.1 @ 192KHz
- Support HDMI cable lock on each HDMI input/output port
- Supports ARC (Audio Return Channel) function.
- Multiple control methods: Front panel buttons/ IR remote control/and RS232 Control.
- Built-in LCM screen & LED button at front panel provides quick view of all port connection.



Video cable

DP to DP Cable/ DVI to DVI Cable



Mini DP to DP Cable/ Mini DP to HDMI Adapter



Cat5E/Cat6 Cable



Optical fiber cable



HDMI 2.0 AOC Active Optical



HDMI to HDMI Cable/ HDMI to DVI-D Cable



Mini DP To DVI Adapter/ Mini DP to DP Adapter



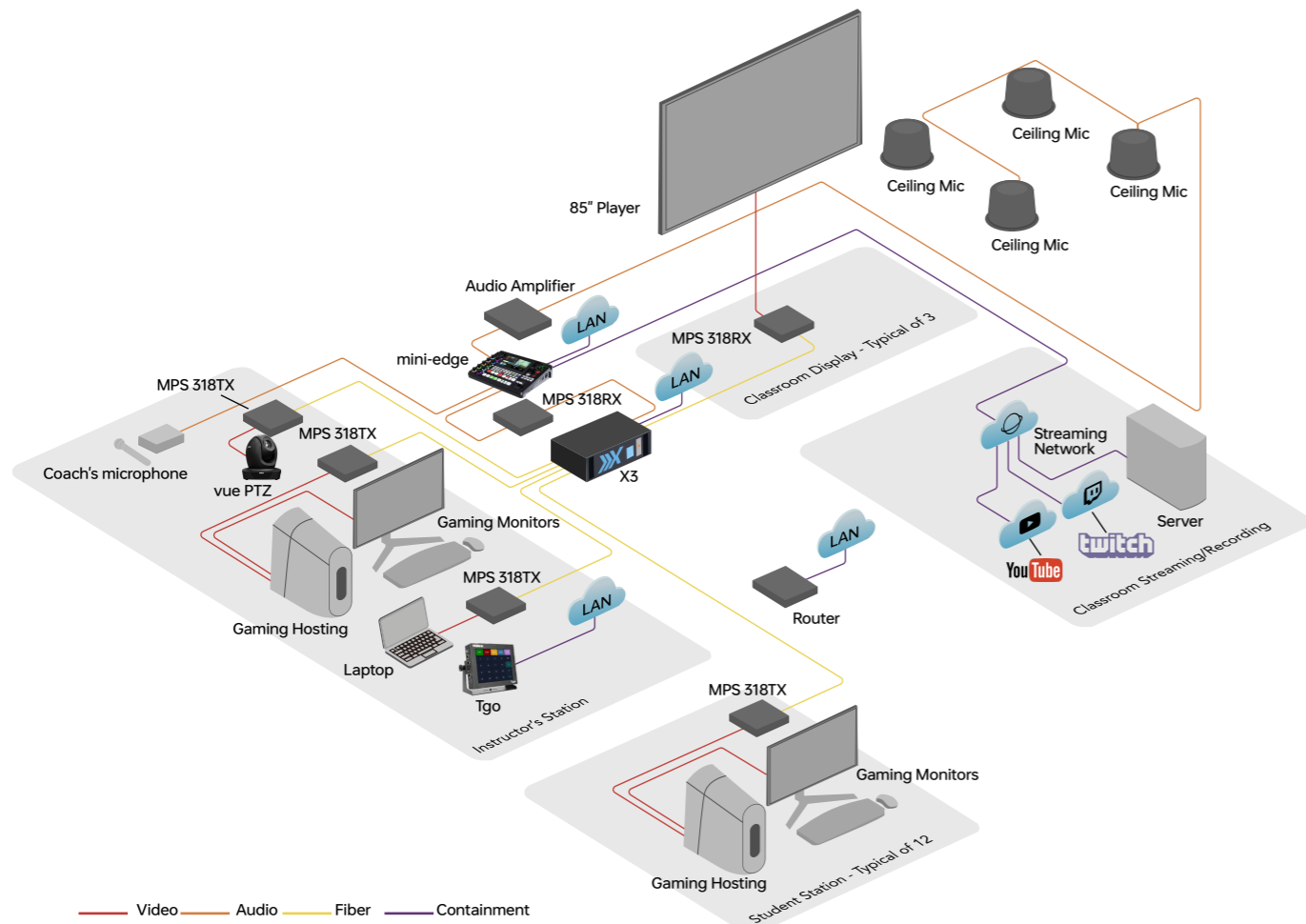
Solution

1 Esports Game

Esports competition continues to enjoy increased popularity and rapid adoption professionally and at both K-12 and collegiate levels.

Like traditional sports, esports fosters teamwork, communication, and problem solving. In education, schools and universities are incorporating gaming into their curriculum and extracurricular activities enabling participants to develop important skills that can be applied in both personal and professional contexts.

The unique performance needs of esports facilities requires a broad level of knowledge and expertise to ensure the AV system provides a good experience for players and spectators alike. Even if you're starting completely from scratch, don't feel overwhelmed. We are esports experts.

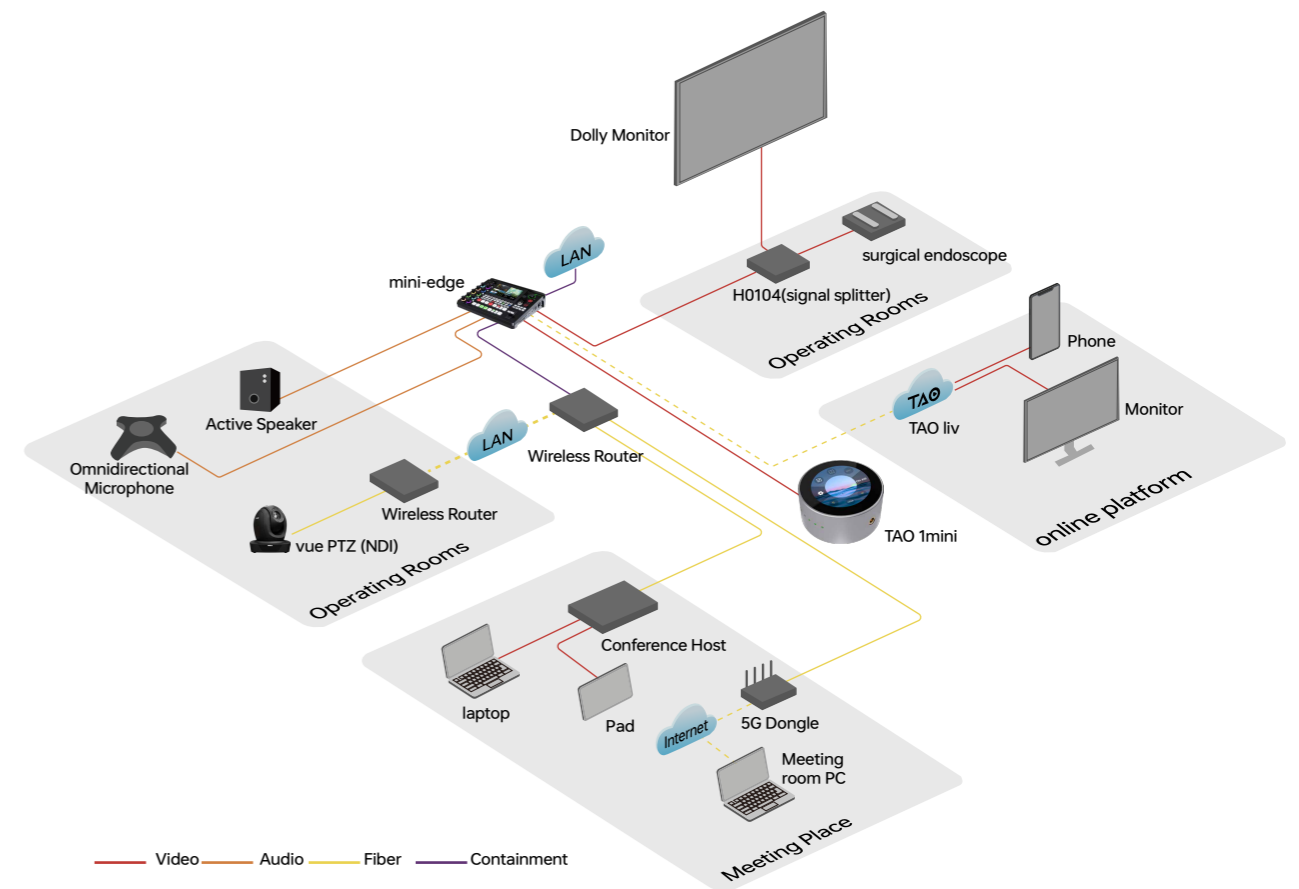


RGBlink offers many technologies and product categories that are ideal for esports environments, including:

- Signal extension products that support resolutions up to 8K
- Switching and distribution platforms with mixed signal for HDMI, SDI, HDBaseT, fiber optic, and IP stream
- Ultra-low latency streaming and recording devices for remote monitoring and coaching
- Signal processing products perform frame rate conversion and include multi-window and videowall processors
- Audio solutions include wireless microphone and Dante transport
- Control systems enable simplified operation and management

2 Healthcare Spaces

For health sciences and healthcare environments, the highest demands are placed on the signal integrity, image quality, data security, and reliability of each part of the signal chain. RGBlink solutions play a crucial role in these spaces, including operating suites, simulation labs, observation rooms, and surgical education centers. AV system designers can select from our vast range of technologies to create ideal solutions for hospitals, medical universities, and other health sciences or healthcare facilities.



RGBlink offers many technologies and product categories that are ideal for healthcare spaces, including:

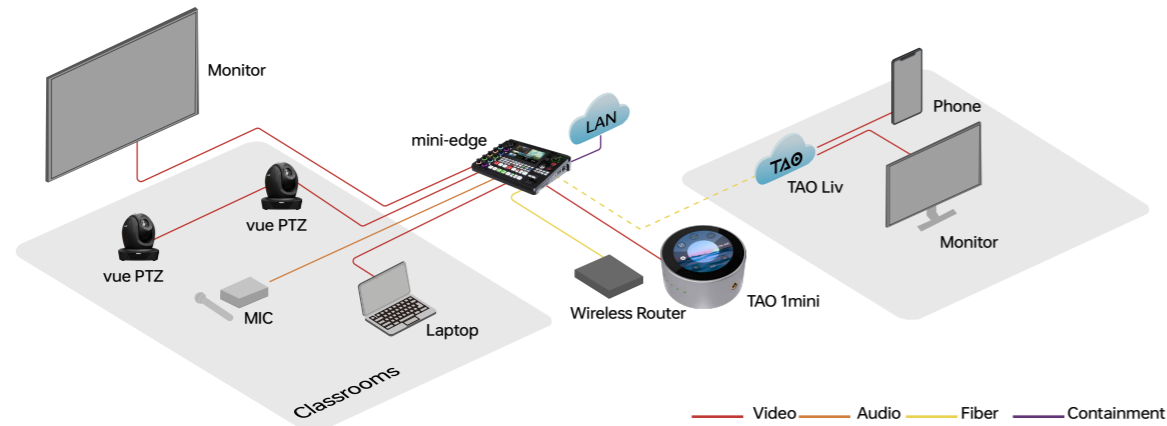
- Streaming over IP solutions make augmenting the signal distribution system a hassle-free process, without adding operational complexity
- The industry benchmark for visual performance image processor including aura broadcasting monitor
- Switching and distribution platforms with mixed signal for HDMI, SDI, Fiber optic and IP stream
- Control systems enable simplified operation and management
- ASK nano 4K as the right communication and collaboration technologies to streamline and enhance information sharing, ensure the effectiveness of collaboration and UC Integration, doesn't matter a large conference room, a training room, or small huddle space

Solution

3 Education

Every day, primary schools, colleges, and universities around the world use audio and video products to harness the power of multimedia to enrich educational experiences. RGBlink's AV systems for education provide sharp images, clear sound, simple control, and solid reliability. We help instructors present more engaging lessons, help students absorb and retain what they learn, and allow administrators to run institutions more efficiently at lower cost.

RGBlink AV system expands its integration within classrooms, huddle spaces, lecture halls, meeting areas, multipurpose rooms, esports facilities, and more remote education room. We keep improving learning outcomes, with a consistent learning experience whether live or on-demand.

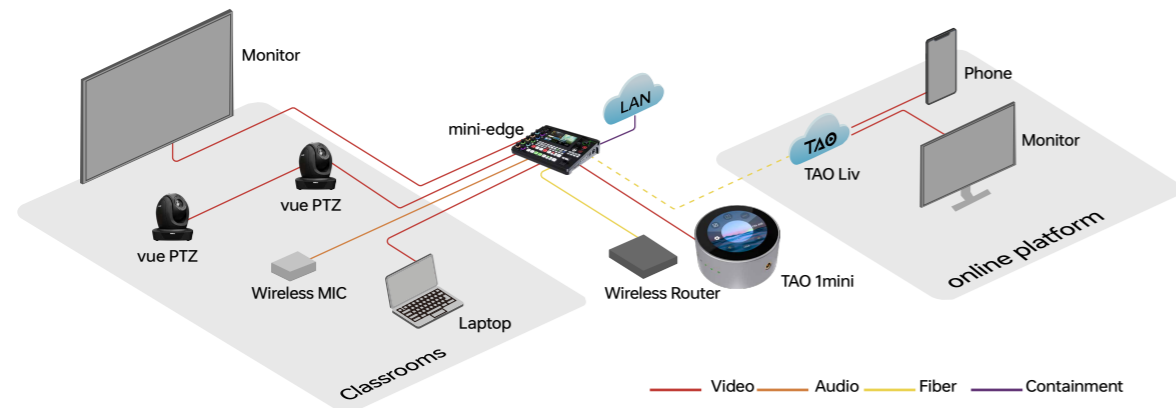


RGBlink offers many technologies and product categories that are ideal for Education, including:

- StreamingPro solution enriches the learning experience so that students can participate live in-person or remote through visual communications, and it enables on-demand content delivery from any device
- Complete classroom AV systems for flat panel displays and modern LED display content management
- Switching and distribution platforms with mixed signal for HDMI, HDBaseT, Fiber optic and IP stream
- Control systems enable simplified operation and management
- Wireless connectivity for no-touch in-person collaboration, wirelessly for a no-touch experience, or plug-in via HDMI cables. Either way, collaboration is simple and quick

4 Conference

Conference room is designed to support the critical visual communication needs, and it features three modes of operation: local presentation, audioconferencing, and videoconferencing. Conference room devices into different size, including Focus Room, Huddle Room, Small Meeting Room, Medium Meeting Room and Large Meeting room, and each room including: Display System, Cameras, Digital Matrix Switching and Signal Management, Signal Distribution, Audio System and Control panel.



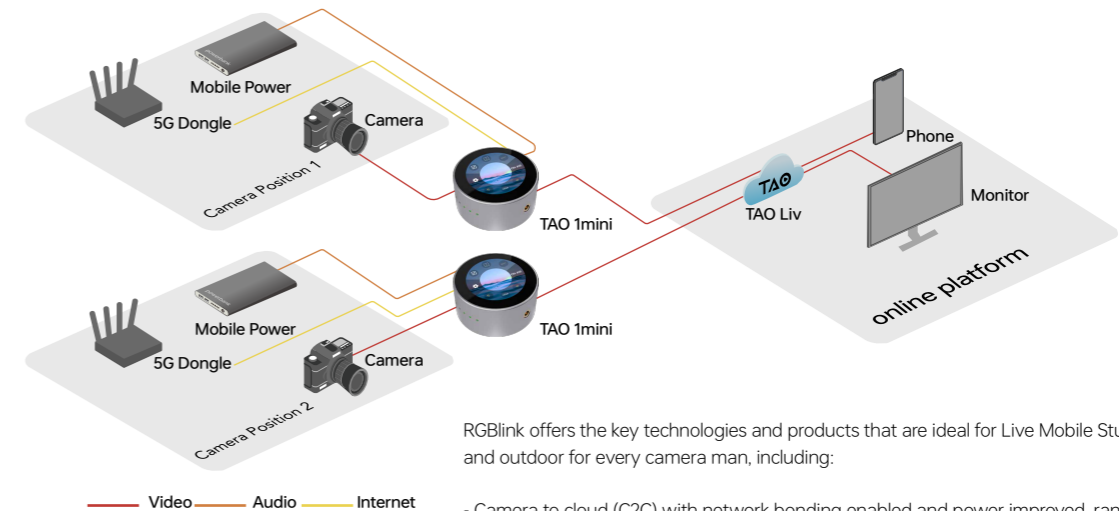
RGBlink delivers meeting room for working safely and effectively, by minimizing physical interaction with shared equipments, including:

- Mixed signal processing with display management for content distribution
- vue PTZ camera with AI tracking and preset operation
- wireless microphone to improve audio experience and equipment shared
- wireless collaboration up to 4K with lower latency and collaboration engagement
- Control systems enable simplified operation and management

5 Live Mobile Studio

New media are communication technologies that enable or enhance interaction between users as well as interaction between users and content. The rise of new media has increased communication between people all over the world and the Internet. It has allowed people to express themselves through blogs, websites, videos, pictures, and other user-generated media.

New media production brings not only opportunity but challenge, with the content quality becomes more demanding and close to older media, and then the Live Mobile Studio borrows as one box solution to improve not only mobility, ultra power standby, internet connectivity but capture camera compliance.



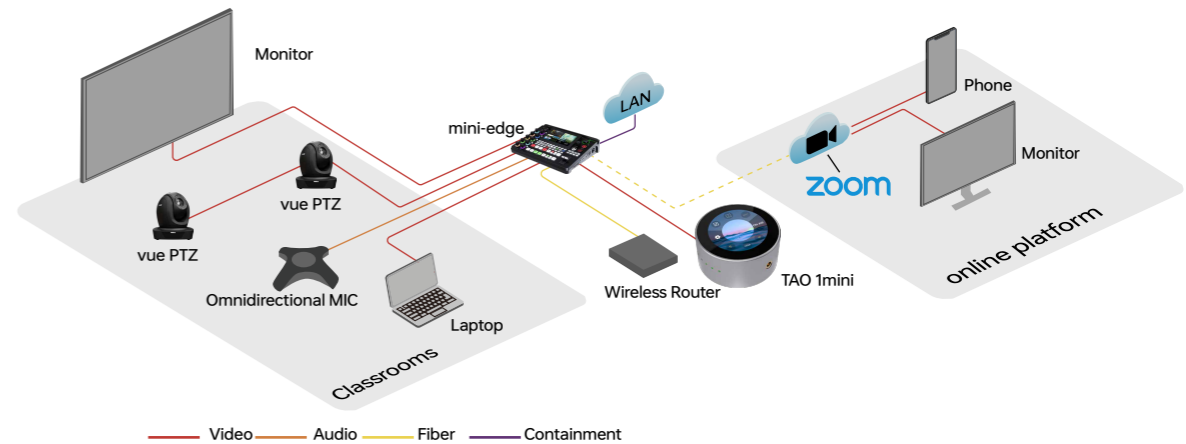
RGBlink offers the key technologies and products that are ideal for Live Mobile Studio, both indoor and outdoor for every camera man, including:

- Camera to cloud (C2C) with network bonding enabled and power improved, range from FHD to UHD
- Setup a Live Studio from Anywhere for content production and sync to main cloud and local disk
- Restreaming Content from TAO cloud to multiple platforms at the same time
- Multiple Camera to a media hub cloud for switching and mixing

6 Ecommerce

Ecommerce transaction marks an important shift in the way we shop and do business. Ecommerce is borned for the buying and selling of goods and services online.

Today, ecommerce is powered by a massive ecosystem of technologies and digital platforms from website builders to payment gateways to social media sales channels. It continues to grow, with global ecommerce sales projected to reach \$8 trillion and account for 23.6% of all retail activity by 2026. It's no wonder that new technology emerges every day, enabling businesses and creators to more easily sell products to customers online.



RGBlink offers many technologies and product categories that are ideal for ecommerce, doesn't matter indoor, outdoor, single person or massive crews, including:

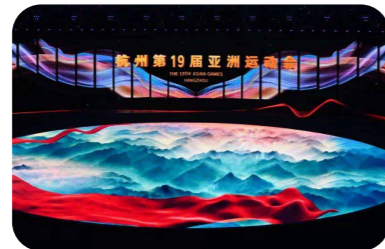
- Camera to cloud (C2C) with network bonding enabled and power improved
- Content switching, recording and streaming from Anywhere to Everywhere
- Restreaming Content from TAO cloud to multiple platforms at the same time
- Content production tools are synchronized with the main cloud disk and local disk
- Arena range live production keeps onsite and online connected and immersive

Case Study

International Sports Games



Beijing 2022
Olympic Winter Games



Hangzhou 2022
Asian Games



Chengdu FISU World
University Games



FIFA in 2018 FIFA
World Cup Russia



Championship



F1 Australian Grand Prix

TV Studio



CCTV



CNN



TRT



ESPN

Education



Technological and Higher
Education Institute of Hong Kong
(Chai Wan Campus)



Beijing Institute of Technology



Xiamen University

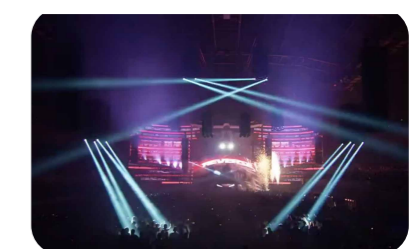
Entertainment



vivo
New product launch



Amr Diab Tour
Egypt



REVERZE, SPORTPALEIS
Antwerp, Belgium