Video {Processing} for any scale

A Leading Company in
Streampro & proAV Solution

@RGBlink   @RGBlink   /RGBlink   /RGBlink

RGBlink®

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RGBlink®

HDMI®
HDCP
NDI® iabm Silver Member

HDBT ASE
SDVoE ALLIANCE
AVIXA

VP CHINA ETL LISTED ISO Bureau of Indian Standards The National Standards Body of India CETA J
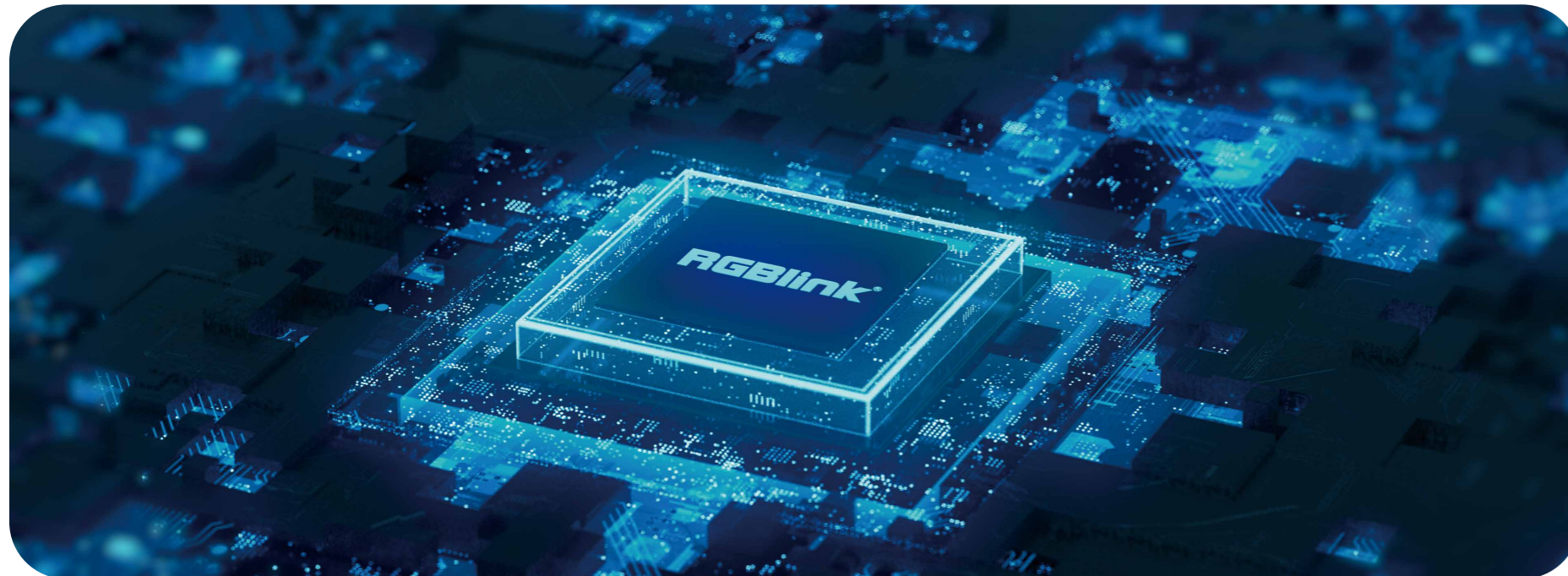
HDMI, High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries.

CONTENTS

About RGBlink

15 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.

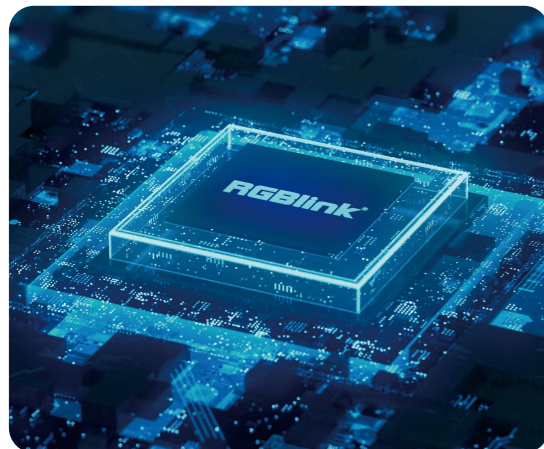**100000+**
Global Live Broadcast

140+
Countries Range

15 Years
Leading In The Standard

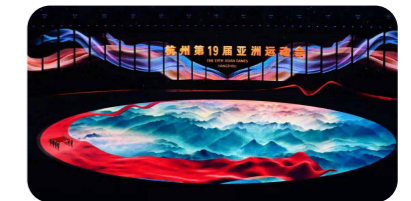## Keep Connected Globally in Broadcasting & Integration Events

Business Partners

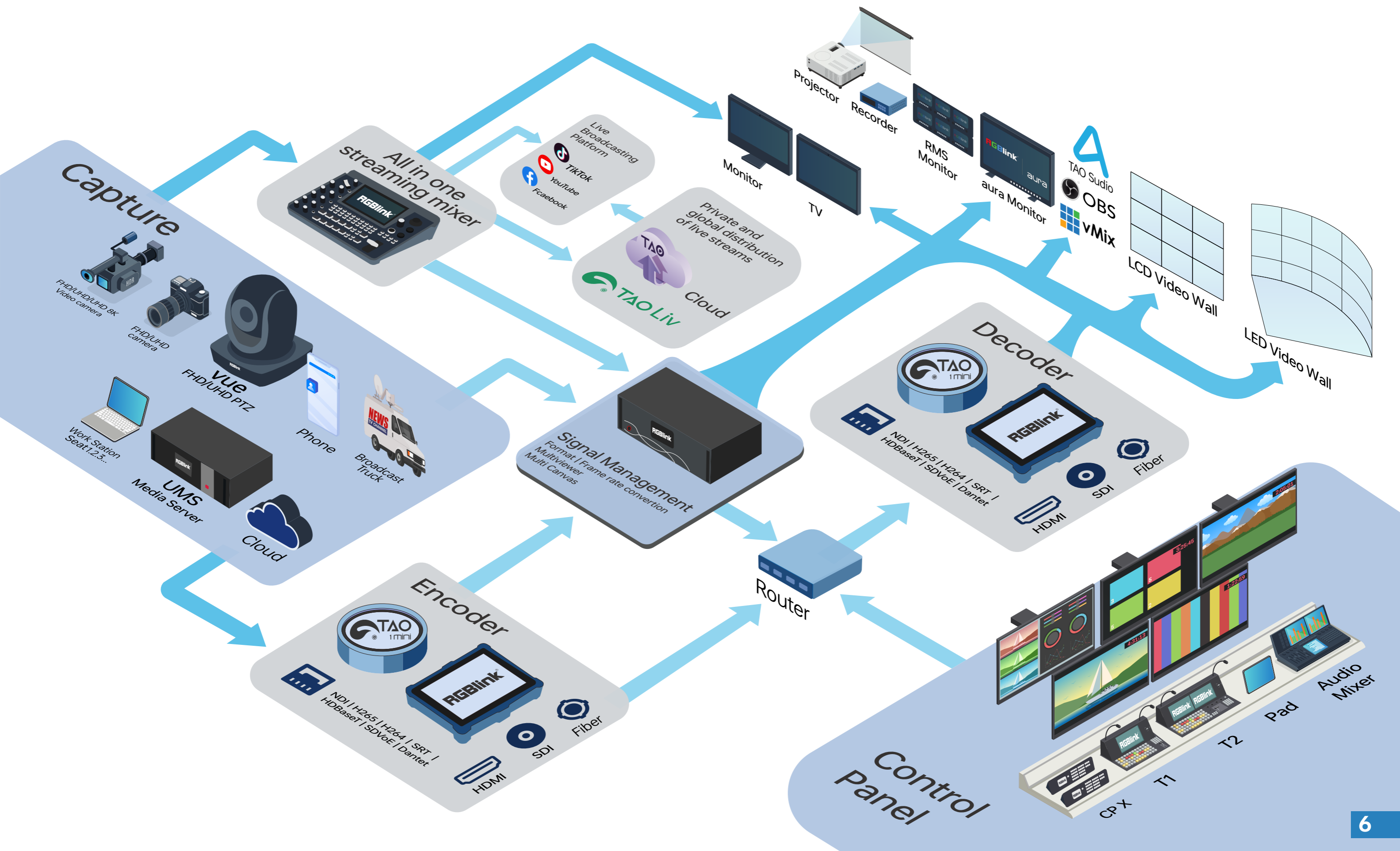|						
Pro AV	CCTV	Rai	ESPN	CNN	TRT	EBS
New Media	XIAMEN AIRLINES	EMBA	网中网 正保远程教育旗下品牌	大博医疗 DOUBLE MEDICAL	中茶 CHINATEA	
Global	United Nations Meetings	BRICS SUMMIT	Beijing Winter Olympics	Formula 1	Hangzhou Asian Games	IAAF Diamond League
Corporations	Yealink 亿联网络	JG 北京国际广告传媒集团	Canon	深圳证券交易所 SHENZHEN STOCK EXCHANGE	小鹏	Godox 神牛
Themed Park	Disney	Universal Studios	CHIMELONG Changlong	Top Golf	Sands LAS VEGAS SANDS CORP. Sands Casino	

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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RGBlink Ecosystem
Your IP-based Content to Display Solution Partner

Capture

FHD/UHD/UHD 8K Video camera

FHD/UHD camera

vue FHD/UHD PTZ

Phone

Broadcast Truck

Work Station Seat1,2,3...

UMS Media Server

Cloud

All in one streaming mixer

Live Broadcasting Platform

TikTok
YouTube
Fcaebook

Private and global distribution of live streams

TAO Liv Cloud

Projector

Recorder

Monitor

TV

RMS Monitor

aura Monitor

TAO Sudio
OBS
vMix

LCD Video Wall

LED Video Wall

Signal Management
Format | Frame rate convertion
Multiviewer
Multi Canvas

Decoder

TAO 1 mini

NDI | H265 | H264 | SRT | HDBaseT | SDVoE | Dantet

HDMI

SDI

Fiber

Encoder

TAO 1 mini

NDI | H265 | H264 | SRT | HDBaseT | SDVoE | Dantet

HDMI

SDI

Fiber

Router

Control Panel

CP X

T1

T2

Pad

Audio Mixer

vue series

RGB12×-POE-WH/
RGB20×-POE-WH/
RGB30×-POE-WH

· High speed optical zoom
· TALLY Crown
· High performance in low light scenarios
  with Wide Dynamic Range
· Full 1920×1080p 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)

RGB12×-PNDI-WH NDI/
RGB20×-PNDI-WH NDI/
RGB30×-PNDI-WH NDI

· High speed optical zoom
· High performance in low light scenarios
  with Wide Dynamic Range
· Full 1920×1080p 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)

RGB12×-UPAI-OL/
RGB20×-UPAI-OL

· High speed optical zoom
· High performance in low light scenarios
  with Wide Dynamic Range
· 3840×2160p UHD 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)

RGB12×-UNAI-OL/
RGB20×-UNAI-OL

· High speed optical zoom
· TALLY Crown
· High performance in low light scenarios
  with Wide Dynamic Range
· 3840×2160p UHD Resolutions up to
  60 frames per second
· H.265/H.264 Dual Stream Output Adapted
  to Different Network Environments
· Pan and Tilt Control
· Wide Application
· Low-power Sleep Function
· Support PoE(IEEE 802.3af 48V)

RGB12×-UNAI-WH/
RGB20×-UNAI-WH

· High speed optical zoom
· TALLY Crown
· High performance in low light scenarios
  with Wide Dynamic Range
· 3840×2160p UHD Resolutions up to
  60 frames per second
· H.265/H.264 Dual Stream Output Adapted
  to Different Network Environments
· Pan and Tilt Control
· Wide Application
· Low-power Sleep Function
· Support PoE(IEEE 802.3af 48V)

HDMI SDI USB-A NDI VISCA SRT H.265 H.264 Tally

Switch

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 monito
- 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

NEW

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

4K ULTRA HD

NEW

mini-ISO
5 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

4K ULTRA HD

NEW

mini-edge
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 expecially for video engineer
- 3 separately layers including PIP based on a media backgroud
- 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

4K ULTRA HD

mini-mx
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 expecially 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

4K ULTRA HD

NEW

mini-EFP
Live Production with Flexibility

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

HDMI   USB-A/USB-C   6.5mm (XLR/TRS)   3.5mm (TRS)   SDI   Cluod   T-BAT   Tally

Encoder & Decoder

TAO series

NDI HX3 · **4K ULTRA HD**

NDI HX

NDI HX

TAO Cloud
Online Solution for Live Streaming · NEW

TAO 1mini
The Streaming Node

TAO 1pro
Recorder-Switcher-Streamer

TAO 1pro-s
NDI Encoder and Decoder

TAO 1tiny
UVC-HDMI Capture Converter

TAO Cloud
· Cover most of the live broadcast platforms, support simultaneous streaming of 30+ platforms
· Creat 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

TAO 1mini
· 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

TAO 1pro
· 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

TAO 1pro-s
· 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
· 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

HDMI | SDI | USB-A/USB-C | NDI | 3.5mm (TRS)

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 4K600 resolution
· KVM keyboard and mouse back control
· Mobile phone monitoring input signal content
· One shot overcharged

HDMI   USB-A/USB-C

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

HDMI   USB-A/USB-C   LAN   NDI   H.265   H.264

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 throuch
· 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 SDIInternal YUV4:4:4 ·
· processing12 Bit processing
· HDR 10 & HLG complianceHDCP 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 presettings
· 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

| HDMI | HDR | HDCP | SDI | DVI | DP | VGA | CVBS | USB-A | HDBaseT | Fiber | 12G-SDI |

Universal Processors

X series

4K ULTRA HD

8K ULTRA HD

4K ULTRA HD

4K ULTRA HD

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 scalevideo 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
ompact 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

| HDMI | HDR | HDCP | SDI | DVI | DP | VGA | CVBS | USB-A | HDBaseT | SDVoE | 12G-SDI |

Mixing & Scaling
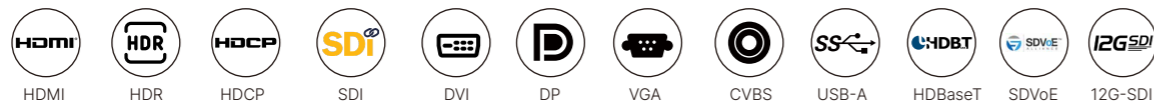
M series

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

HDMI SDI DVI NDI CVBS VGA USB-A Tally

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 forground 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 swapable
· 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

mixed signal
switcher and video wall processor

Q series

Q16pro 8U
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
· i signal output supported
· 10 Input Slots
· 10 Output Slots
· Shared Slots Output slot No.1~No.8

Q16pro 4U
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
· i signal output supported
· 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
· i 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
· i signal output supported
· 2 Input Slots
· 1 Output Slots

HDMI   SDI   DVI   DP   IP   HDBaseT   Dante   USB-A   NDI

Mixed Signal Matrix

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

HDMI   Dante   SDI   DVI   DP   IP   HDBaseT

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
16×16 Mixed Signal Matrix & Videowall Processor

· 16×16 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 / 2048×1152@60Hz / 2560×816@60Hz
· EDID Management on board
· Matrix Control via front panel
· Control remotely via RGBlink OpenAPI
· Configuration & control with RGBlink XPOSE
· Powerful format convertor 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)
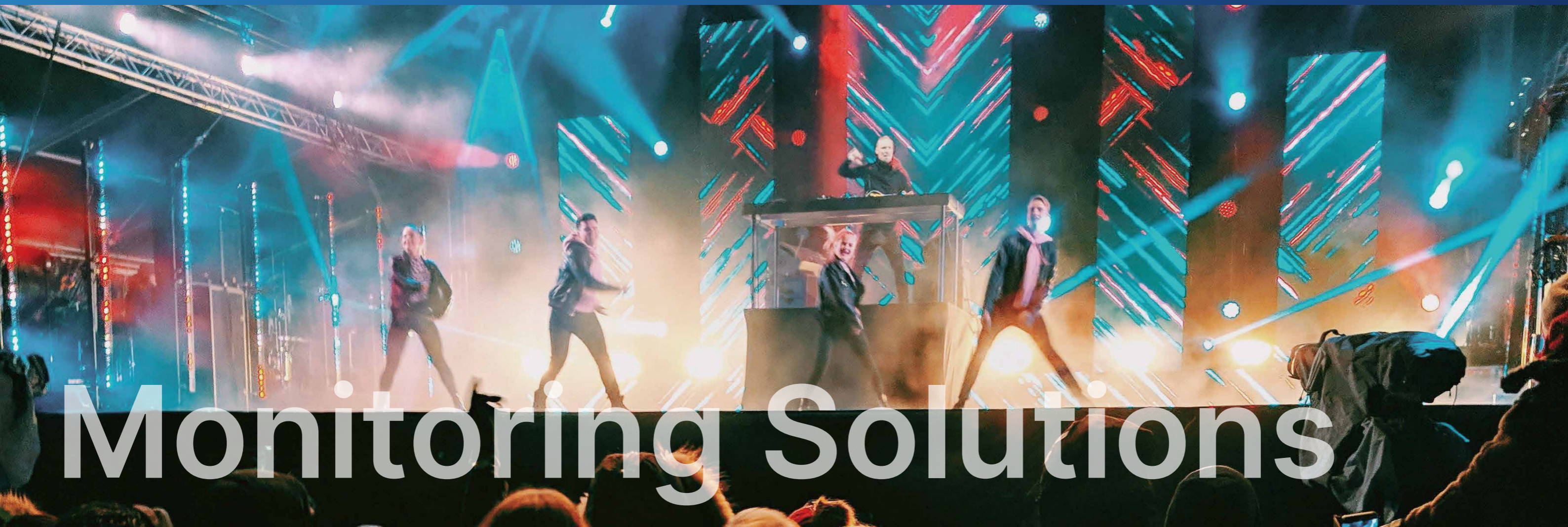
Monitoring Solutions

aura series

8K ULTRA HD

NEW

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

· Preview video editing app such as Davinci output through Thounderbolt
· 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

| HDMI | HDR | SDI | DVI | VGA | Fiber | 12G-SDI |

8K ULTRA HD

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
· 1024×3 (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 lighgt

· 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 × 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 signalsfor preview and inspection
· On Board Test Pattern Generator
· On board Time Code Generator
· Genlock Y Input
· Preview digital inputsource on the display
· Output (pass through) digital inputsource 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: 2560×816@60Hz
· Remote control

IP KVM Management

IC2
FHD KVM over IP

· Resolutions up to 1920 × 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 × 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
· 1×LC 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
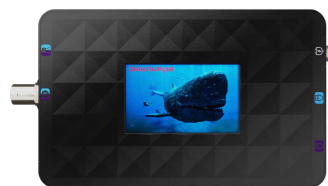
MSP 405
HDMI/SDI/Fiber Converter

· 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 3840×2160@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 espectively
· Support words,logo,scrolling text and time for OSD

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 standard protocal: RTSP/HTTP TS/HTTP FLV/RTMP/UDP Private protocal:HTTP PTE

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.

Accessories

Video cable

DP to DP Cable/ DVI to DVI Cable

4K ULTRA HD   4K ULTRA HD

HDMI to HDMI Cable/ HDMI to DVI-D Cable

8K ULTRA HD   4K ULTRA HD

Mini DP to DP Cable/ Mini DP to HDMI Adapter

4K ULTRA HD   4K ULTRA HD

Mini DP To DVI Adapter/ Mini DP to DP Adapter

4K ULTRA HD   4K ULTRA HD

Cat5E/Cat6 Cable

CAT6 1.0M

Optical fiber cable

HDMI 2.0 AOC Active Optical

8K ULTRA HD

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.
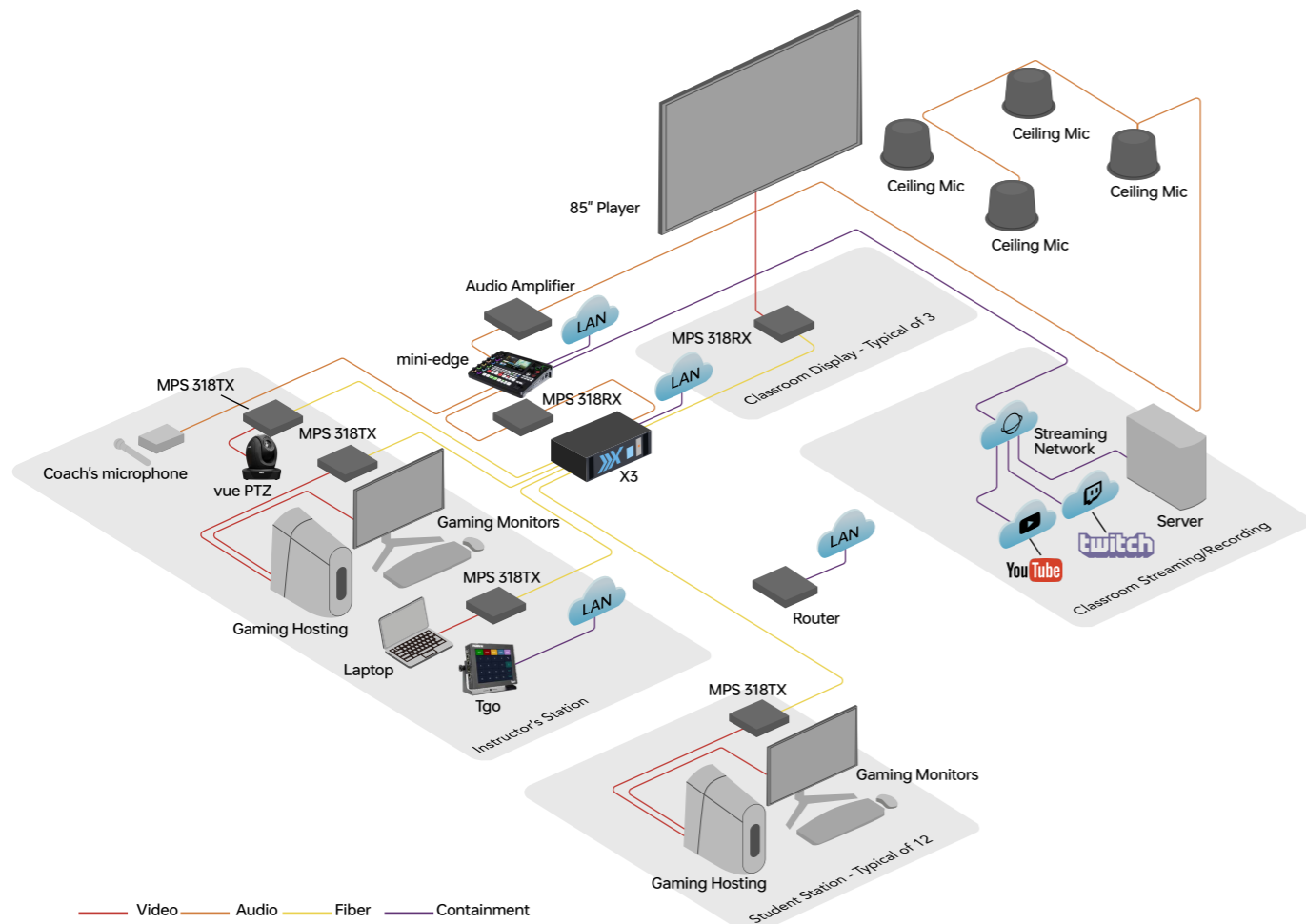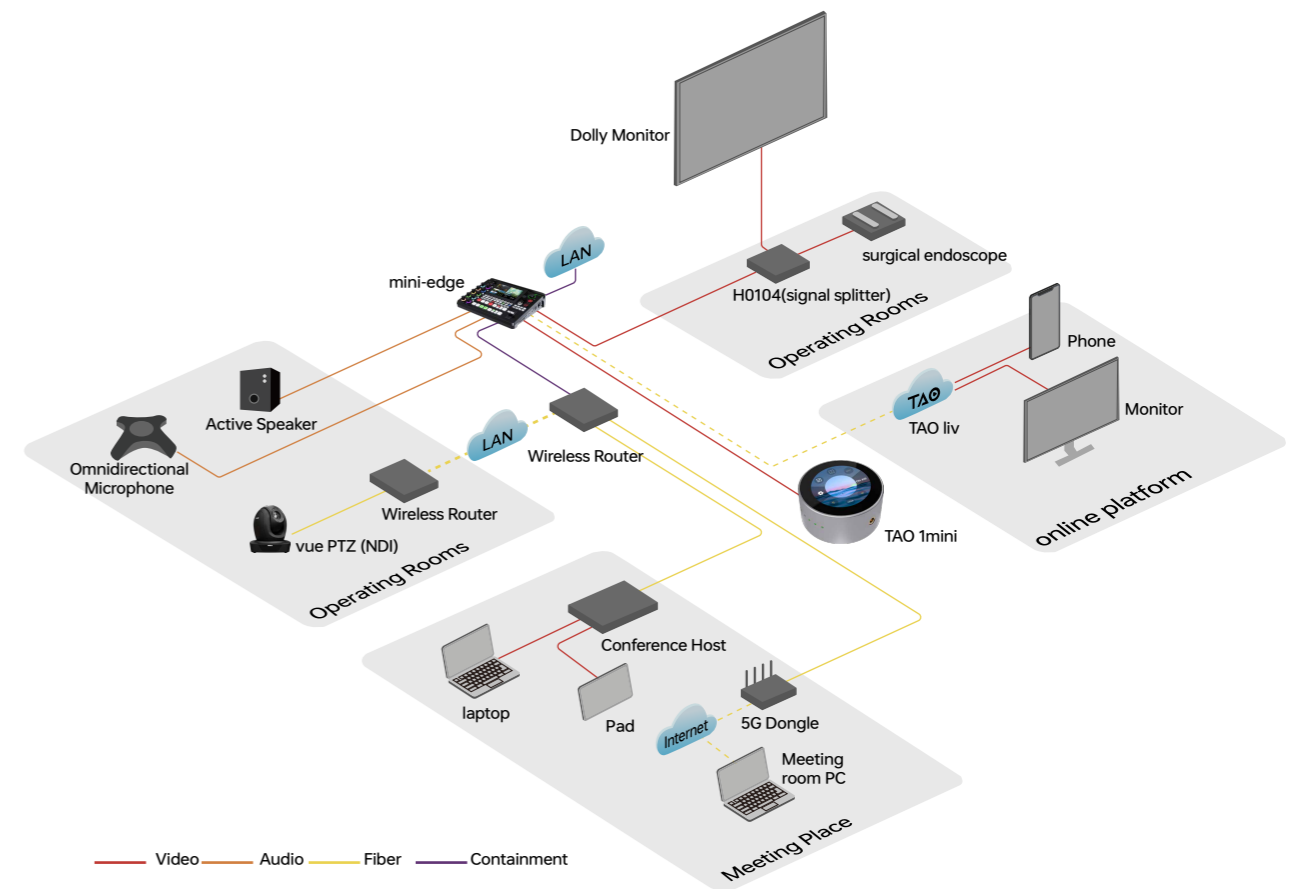

RGBlink offers many technologies and product categories that are ideal for esports environments, including:

- 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.
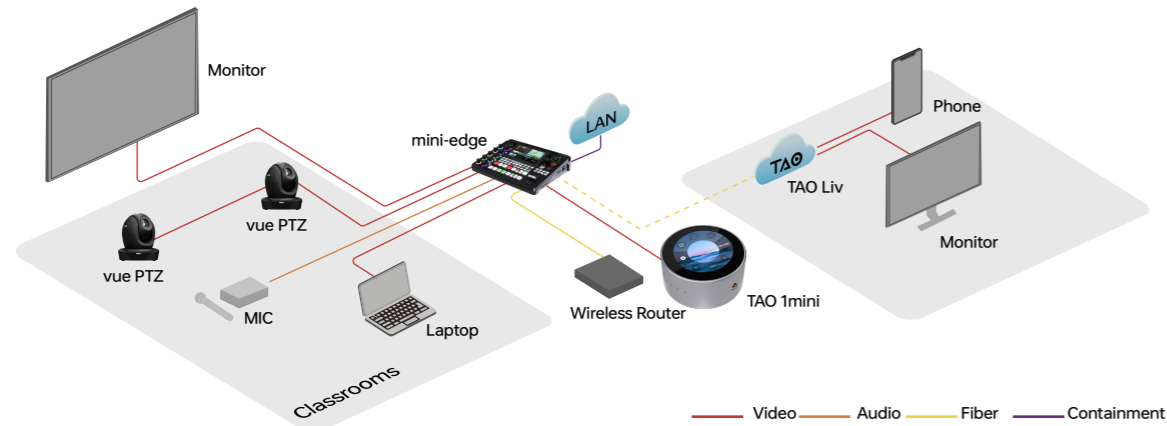

RGBlink offers many technologies and product categories that are ideal for healthcare spaces, including:

- 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 broadcsting 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 t raining 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.

Monitor · vue PTZ · vue PTZ · MIC · Laptop · mini-edge · LAN · Wireless Router · TAO 1mini · TAO Liv · Phone · Monitor · Classrooms
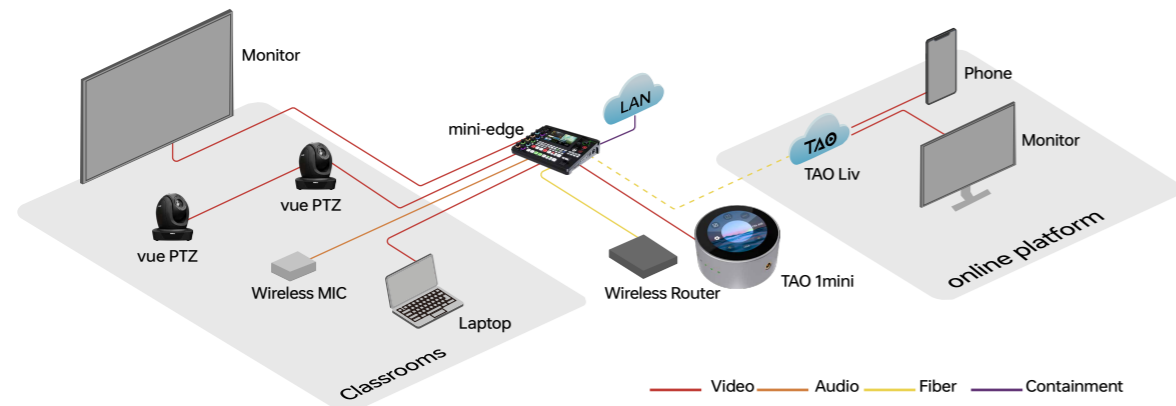
—— Video —— Audio —— Fiber —— Containment

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 devides into difference 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.

Monitor · vue PTZ · vue PTZ · Wireless MIC · Laptop · mini-edge · LAN · Wireless Router · TAO 1mini · TAO Liv · Phone · Monitor · online platform · Classrooms
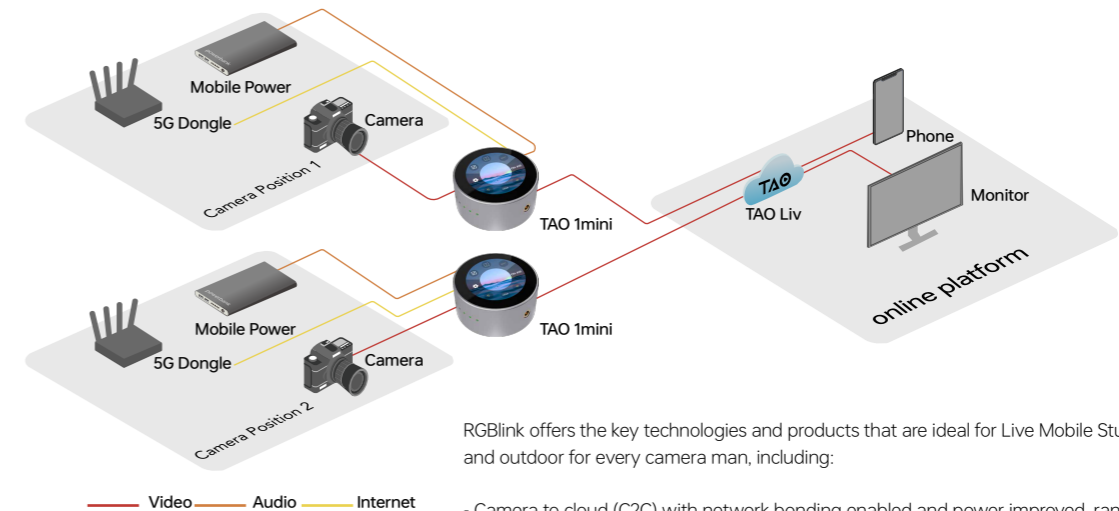
—— Video —— Audio —— Fiber —— Containment

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

- Mixed signal processing with display managerment 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 borns as one box solution to improve not only mobility, ultra power standby, internet connectivity but capture camera compliance.

Mobile Power · 5G Dongle · Camera · Camera Position 1 · TAO 1mini · Mobile Power · 5G Dongle · Camera · Camera Position 2 · TAO 1mini · TAO Liv · Phone · Monitor · online platform
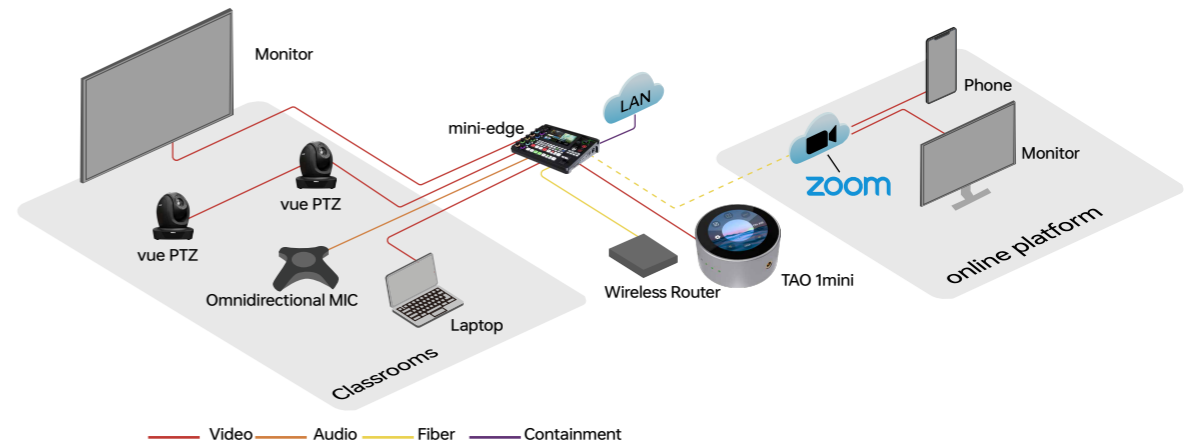
—— Video —— Audio —— Internet

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.

Monitor · vue PTZ · vue PTZ · Omnidirectional MIC · Laptop · mini-edge · LAN · Wireless Router · TAO 1mini · zoom · Phone · Monitor · online platform · Classrooms

—— Video —— Audio —— Fiber —— Containment

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
0lympic Winter Games
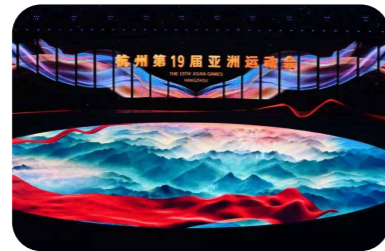
Hangzhou 2022
Asian Games

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
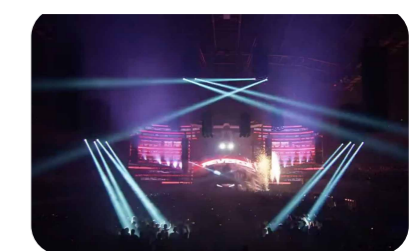

Xiamen University

Entertainment

vivo
New product launch

Amr Diab Tour
Egypt

REVERZE, SPORTPALEIS
Antwerp, Belgium