

Encoders and Decoders

Single HDMI Codecs



Multiple HDMI Codecs



SDI Codecs



Other Codecs



Single HDMI Codecs

ML10-NDI-HDMI4K30

1 x HDMI 4K30
Audio and Video Codecs



Product Features

- Supports 1 HDMI input, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 HDMI output, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 4K30
- The total decoding capability is up to 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 3 1000M Ethernet interfaces, among which ETH1 supports POE power supply
- Support 1 1000M optical port
- Support for expanding WIFI
- Includes 1 USB interface and 1 eSATA interface
- Support auxiliary screen display
- Support wide voltage 5-12V power supply, power < 5W
- Size: 142 × 81 × 31mm
- Weight: 0.30kg

Single HDMI Codecs

ML10-NDI-HDMI4K60

1 x HDMI 4K60 Audio and Video Codecs



Product Features

- Supports 1 HDMI input, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 HDMI loop out, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 HDMI output, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 4K60
- The total decoding capability is up to 4K60
- Bit rate up to 160Mbps (per channel)
- Supports 1000M Ethernet interface and PoE power supply
- Support for expanding WIFI
- Includes 1 USB interface
- Support auxiliary screen display and menu buttons
- Supports Tally lights and 1/4 inch screw holes
- Support wide voltage 5-12V power supply, power<10W
- Size: 132 × 104 × 29mm
- Weight: 0.45kg

Multiple HDMI Codecs

ML10-NDI-02HDMI4K30

2 x HDMI 4K30
Audio and Video Codecs



Product Features

- Supports 2 HDMI inputs, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 2 HDMI outputs, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 2 X 4K30
- The total decoding capability is up to 2 X 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 1000M Ethernet interface
- Support for expanding WIFI
- Includes 1 USB 3.0 interface
- Support auxiliary screen display and menu buttons
- Support wide voltage 5-12V power supply, power<15W
- Size: 180 × 125 × 32mm
- Weight: 0.62kg

Multiple HDMI Codecs

ML10-NDI-05HDMI4K30

5 x HDMI 4K30
Audio and Video Codecs



Product Features

- Supports 5 HDMI inputs, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 HDMI output, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 2 X 4K30
- The total decoding capability is up to 2 X 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 1000M Ethernet interface
- Support for expanding WIFI
- Includes 1 USB 3.0 interface
- Support auxiliary screen display and menu buttons
- Support wide voltage 5-12V power supply, power<15W
- Size: 180 × 125 × 32mm
- Weight: 0.63kg

Multiple HDMI Codecs

ML10-NDI-08HDMI2K60

8 x HDMI 1080P60
Audio and Video Codecs



Product Features

- Supports 8 HDMI inputs, compliant with HDMI 1.4b and HDCP 1.4 specifications, and supports 8 independent LINE IN audio embeddings
- Supports 1 HDMI output, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 2 X 4K30
- The total decoding capability is up to 2 X 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 2 1000M Ethernet interfaces
- Support for expanding WIFI
- Includes 1 USB 3.0 interface
- Support auxiliary screen display and capacitive touch screen operation
- Support wide voltage 12V power supply, power<20W
- Size: 260 × 133 × 42 mm, can be extended to a 19 inch rack through expansion strips
- Weight: 1.27kg

Multiple HDMI Codecs

ML10-NDI-08HDMI2K60 Puls

8 x HDMI 1080P60
Audio and Video Codecs



Product Features

- Supports 8 HDMI inputs, compliant with HDMI 1.4b and HDCP 1.4 specifications, and supports 8 independent LINE IN audio embeddings
- Supports 1 HDMI output, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 VGA output, with a maximum resolution of 1080P60
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 2 X 4K30
- The total decoding capability is up to 2 X 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 2 1000M Ethernet interfaces
- Support for expanding WIFI
- Includes 1 USB 3.0 interface, with reserved 2.5-inch/3.5-inch hard drive space inside
- Support auxiliary screen display
- Support wide voltage AC100-240V power supply, power<20W
- Size: 442 × 243 × 45 mm, can be directly mounted on a 19 inch rack
- Weight: 3.37kg

SDI Codecs

ML10-NDI-3GSDI1080P60

1 x SDI 1080P60 Audio and Video Codecs



Product Features

- Supports 1 channel of 3G/HD/SD-SDI input, compliant with ST425 LevelA/B
- Supports 1 channel of 3G/HD/SD-SDI output, compliant with ST425 LevelA
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 4K30
- The total decoding capability is up to 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 100M Ethernet interface
- Support for expanding WIFI
- Includes 1 USB interface
- Support auxiliary screen display and menu buttons
- Supports Tally lights and 1/4 inch screw holes
- Support wide voltage 5-12V power supply, power<10W
- Size: 129x82x34 mm
- Weight: 0.35kg

SDI Codecs

ML10-NDI-3GSDI1080P60WIFI

1 x SDI 1080P60 Audio and Video Codecs



Product Features

- Supports 1 channel of 3G/HD/SD-SDI input, compliant with ST425 LevelA/B
- Supports 1 channel of 3G/HD/SD-SDI output, compliant with ST425 LevelA
- Supports 1 HDMI input, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 HDMI output, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 4K30
- The total decoding capability is up to 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 100M Ethernet interface
- Supports dual band 1200Mbps WIFI6
- Includes 1 USB interface
- Support auxiliary screen display and menu buttons
- Support wide voltage 5-12V power supply, power<10W
- Size: 180 × 125 × 32 mm
- Weight: 0.63kg

SDI Codecs

ML10-NDI-043GSDI1080P30

4 x SDI 1080P30
Audio and Video Codecs



Product Features

- Supports 4-channel 3G/HD/SD-SDI input, compliant with ST425 LevelA/B
- Supports 1 channel of 3G/HD/SD-SDI output, compliant with ST425 LevelA
- Supports 1 HDMI output, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 4 X 1080P30
- The total decoding capability is up to 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 100M Ethernet interface
- Support for expanding WIFI
- Includes 1 USB interface
- Support auxiliary screen display and menu buttons
- Support wide voltage 5-12V power supply, power<10W
- Size: 180 × 125 × 32 mm
- Weight: 0.65kg

SDI Codecs

ML10-NDI-043GSDI1080P60

4 x SDI 1080P60 Audio and Video Codecs



Product Features

- Supports 4-channel 3G/HD/SD-SDI input, compliant with ST425 LevelA
- Supports 1 channel of 3G/HD/SD-SDI output, compliant with ST425 LevelA
- Supports 1 HDMI output, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 4 X 1080P60
- The total decoding capability is up to 2 X 4K30
- Bit rate up to 20Mbps (per channel)
- Supports 1000M Ethernet interface
- Support for expanding WIFI
- Includes 1 USB 3.0 interface
- Support auxiliary screen display and menu buttons
- Support wide voltage 5-12V power supply, power<15W
- Size: 180 × 125 × 32 mm
- Weight: 0.65kg

VGA Codecs

ML10-NDI-VGA1080P60

1 x VGA 1080P60
Audio and Video Codecs



Product Features

- Supports 1 VGA input, up to 1280* 1024@75Hz
- Supports 1 VGA output, up to 1080P60
- Supports 1 LINE IN audio input (compatible with MIC IN)
- Support 1-channel LINE OUT audio output
- The total encoding capacity is up to 2 X 1080P60
- The total decoding capacity is up to 2 X 1080P60
- Bit rate up to 20Mbps (per channel)
- Supports 100M Ethernet interface
- Support for expanding WIFI
- Includes 1 USB interface and 1 eSATA interface
- Support auxiliary screen display and menu buttons
- Supports Tally lights and 1/4 inch screw holes
- Support wide voltage 5-12V power supply, power<5W
- Size: 132 × 82 × 34mm
- Weight: 0.342kg

UVC Codecs



UVC2

2 x USB 1080P60 Audio and Video Codecs



Product Features

- Supports 2 UVC inputs, maximum power of 15W
- Supports 1 HDMI output, up to 4K@30
- Supports 1 LINE IN audio input (compatible with MIC IN) and 1 LINE OUT audio output
- The total encoding capacity is up to 2 X 1080P60
- The total decoding capability is up to 2 X 1080P60
- The maximum bitrate can reach 20Mbps (per channel)
- Supports 100M Ethernet communication
- Support for expanding WIFI
- Includes 2 USB ports
- Support auxiliary screen display
- Supports Tally lights and expanded 1/4 inch screw holes
- Support wide voltage TypeC 5-12V power supply, power>20W
- Size: 60 × 76 × 19mm
- Weight: 0.100kg

Multiple HDMI Codecs

DEC2

2 x HDMI 4KP60
Audio and Video Codecs



Product Features

- Supports 2 HDMI outputs, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports 1 VGA output, up to 1080P60
- Supports 1 LINE IN audio input (compatible with MIC IN) and 1 LINE OUT audio output
- The total encoding capacity is up to 4 X 1080P30
- The total decoding capacity is up to 32 X 1080P30
- The maximum bitrate can reach 20Mbps (per channel)
- Support two-way 1000M Ethernet communication
- Support for expanding WIFI
- Includes 1 USB interface and 1 PowerESATA
- Support auxiliary screen display and menu buttons
- Support wide voltage 7-12V power supply, power<15W
- Size: 180 × 125 × 32mm
- Weight: 0.625kg

Converter

Video Converter



Video Capturer



Video Transmission



Video Converter

ML20-3G-SDI TO HDMI-switch

3G/HD/SD-SDI to HDMI with SDI Splitter Out



Product Features

- Supports 1 channel of 3G/HD/SD-SDI input, compliant with ST425 LevelA/B
- Supports 1 channel 3G/HD/SD-SDI loop output, compliant with ST425 LevelA/B
- Supports 1 HDMI output, compliant with HDMI 1.4b and HDCP 1.4 specifications
- SDI input and output both include cable signal equalizers, supporting 100 meter transmission
- Supports YUV422 10 bit color
- Support embedded audio
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Support wide voltage 5-12V power supply, power<2W
- Size: 98 × 55 × 24mm
- Weight: 0.13kg

Video Converter

ML20-HDMI TO 3G-SDI-switch

HDMI to 3G/HD/SD-SDI



Product Features

- Supports 1 HDMI input, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 channel of 3G/HD/SD-SDI output, compliant with ST425 LevelA
- SDI includes cable signal equalizer, supporting 100 meter transmission
- Supports YUV422 10 bit color
- Support embedded audio
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Support wide voltage 5-12V power supply, power < 2W
- Size: 98 × 55 × 24mm
- Weight: 0.13kg

Video Converter

ML20-12G-SDI TO HDMI-switch

12G/6G/3G/HD/SD-SDI to HDMI



Product Features

- Supports 1 channel of 12G/6G/3G/HD/SD-SDI input, compliant with ST352 LevelA
- Supports 1 HDMI output, compliant with HDMI 2.0
- SDI input and output both include cable signal equalizers, supporting 100 meter transmission
- Supports YUV422 10 bit color
- Support embedded audio
- Support auxiliary screen display
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Support wide voltage 5-12V power supply, power<5W
- Size: 98 × 55 × 24mm
- Weight: 0.15kg

Video Capturer

ML20-2K60HDMI TO USB3

4K30-HDMI to USB3.0 Capturer with HDMI Splitter and Audio Out



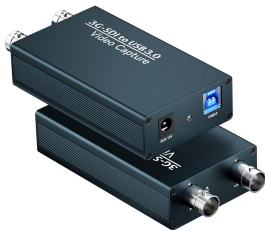
Product Features

- Supports 1 HDMI input, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Supports 1 HDMI output, compliant with HDMI 1.4b and HDCP 1.4 specifications
- Support YUV422 color
- Support 1-channel LINE IN audio input
- Supports 1 MIC IN audio input and automatic recognition of CTIA or OMTP
- Supports 1-channel LINE OUT audio output, capable of monitoring input audio from various channels
- Supports UVC1.0, 1.1, and 1.5
- Supports UAC1.0 and 1.2
- Supports WIN7-11, Linux, MAC OS, and Android 5.0
- Support embedding audio
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Supports USB port 5V power supply, power<2.5W
- Size: 60 × 59 × 19mm
- Weight: 0.10kg

Video Capturer

ML20-4K60HDMI TO USB3

3G/HD/SD-SDI to USB3.0 Capturer with SDI Splitter Out



No delay
0ms



Al alloy



Compatibility



Wide Voltage



Hot Shoe Fix



DIN Clip Fix



Long Haul

Product Features

- Supports 1 channel of 3G/HD/SD-SDI input, compliant with ST425 LevelA/B
- Supports 1 channel 3G/HD/SD-SDI loop output, compliant with ST425 LevelA/B
- Supports 1 USB-B port, supports UVC slave mode, can be connected to a computer or other host
- SDI input and output both include cable signal equalizers, supporting 100 meter transmission
- SDI loop supports YUV422 10 bit color
- Supports UVC1.0/UAC1.0
- Supports WIN7-11, Linux, MAC OS, and Android 5.0
- Support embedded audio
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Support wide voltage 5-12V power supply, power < 2.5W
- Size: 98 × 55 × 24mm
- Weight: 0.13kg

Video Capturer

ML20-HDMI TO 3G-SDI-capture

4K60-HDMI to USB-C Capturer



Product Features

- Supports 1 HDMI input, compliant with HDMI 2.0 and HDCP 2.3 specifications
- Supports RGB444, YUV444, YUV422, and YUV420 colors
- Supports 1 USB-B port and UVC slave mode, which can be connected to a computer or other host
- Supports H265, H264, and MJPEG, supports 4K60 input
- Supports UVC1.0, 1.1, and 1.5
- Supports UAC1.0 and 1.2
- Supports WIN7-11, Linux, MAC OS, and Android 5.0
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Supports USB C port 5V power supply, power<5W
- Support DC5-12V redundant power supply (not mandatory, only used when USB C devices have insufficient power supply)
- Size: 98 × 55 × 24mm
- Weight: 0.13kg

Switch

ML30-04Mini-NETSwitch

**4 X Electrical + Optical Port
Gigabit Switch**



Product Features

- Supports 4-channel 10/100/1000M Ethernet with isolation, compliant with IEEE 802.3x specifications
- Supports 1 SFP optical port, which can be expanded through module expansion of optical or electrical ports
- Each interface is equipped with indicator lights
- Equipped with power indicator light
- Support QoS
- Supports hot shoe, 1/4 inch nut, and DIN rail installation
- Supports USB C port 5V power supply, power<2W
- Size: 68 × 60 × 20mm
- Weight: 0.10kg

Wireless NIC

ML30-USBD TO WIFI

Dual-band USB WIFI6



Product Features

- The main module is RTL8832BU
- Connection speed up to 1200Mbps
- Support dual band high gain dual antenna: 2.4GHz
Wireless: IEEE 802.11b/g/n/ac/ax
5.0GHz Wireless: IEEE 802.11a/n/ac/ax
- Operating frequency: 2.4~2.4835GHz or
5.15~5.85GHz
- The host supports USB 3.0 A port
- Supports WIN, Linux, and embedded Linux
operating systems
- Supports USB 3.0 A port 5V power supply,
power<6W
- Size: 56 × 44 × 23mm
- Weight: 0.09kg

Metal Mounting

Metal Mounting



Metal Mounting

Hot Shoe Converter



Product Features

- Support installation of hot and cold boots for photography equipment
- Support 1/4 inch nut connection
- Support our company's following models:
 - REC1
 - MiniENC1
 - 3G-SDI TO HDMI
 - 4k-HDMI TO USB3
 - HDMI TO 3G-SDI
 - 12G-SDI TO HDMI
 - 3G-SDI TO USB3
 - HDMI TO USB3
 - MiniSwitch

Metal Mounting

DIN Rail Adapter Clip A



Product Features

- Supports 35mm DIN rail installation
- Support 90 degree rotation installation
- Support our company's following models:
REC1
MiniENC1
MiniSwitch

Metal Mounting

DIN Rail Adapter Clip B



Product Features

- Supports 35mm DIN rail installation
- Support our company's following models:
 - 3G-SDI TO HDMI
 - 4k-HDMI TO USB3
 - HDMI TO 3G-SDI
 - 12G-SDI TO HDMI
 - 3G-SDI TO USB3
 - HDMI TO USB3

Metal Mounting

Wall-mounted Adapter Plate



Product Features

- Support 75mm pitch display screen back hanging
- Support wall, workstation and other flat insertion and hangingSupport our company's following models:
ENCS1
VGA1