MSP

RGBlink®

MSP

Ethernet Extenders

Fiber Extenders

Signal Convertors

Signal Distributors

VIDEO {PROCESSING} FOR ANY EVENT

D series / X series / M series /
FLEX series / **MSP series**

MSP 330 Tx - SDVoE

Encode and transmit HDMI over IP with support for HDMI 2.0b, HDCP, HDR and more

Input:
· 1x HDMI Type A (19-pin female, HDMI 2.0)
· 1x IR In (3.5mm Stereo Mini-jack)
  1x RS-232 (3.81mm Phoenix connector)
Outputs:
· 1x Optical Fiber Out (LC female)
· 1x IR Out (3.5mm Stereo Mini-jack)

4K | HDR

MSP 330 Rx - SDVoE

Encode and transmit HDMI over IP with support for HDMI 2.0b, HDCP, HDR and more

Inputs:
1x Optical Fiber In (LC female)
1x IR In (3.5mm Stereo Mini-jack)
Outputs:
1x HDMI Type A (19-pin female, HDMI 2.0)
1x IR Out (3.5mm Stereo Mini-jack)
1x RS-232 (3.81mm Phoenix connector)

4K | HDR

MSP 315 – HDMI | HDBaseT

Extend HDMI easily via CAT5 or CAT6 cables with HDBaseT®. Delivered as a set of two, with transmitter/receiver, MSP 315 can extend up to 100m. MSP 315 supports 1080p 1920x1080@60Hz and 4K 3840x2160@30Hz and HDCP. High Bit Rate (HBR) lossless audio formats such as Dolby® TrueHD and DTS-HD Master Audio™ are also supported.

MSP | Ethernet Extenders

MSP | Ethernet Extenders

MSP225 – HDMI to H.264

This compact converter provides encoding of HDMI to H.264 streaming. Connect to a streaming client or service. There are dual HDMI inputs along with two RJ45 ethernet outputs. Configure via browser interface to set encoding and resolutions and streaming service settings.

MSP226 – H.264 to HDMI

Easy connection of internet web streams to conventional video processing and display equipment is enabled with MSP 226. Connect H.264 internet streaming via IP to large displays with this decoder. MSP 226 offers two HDMI output channels and dual RJ45 connectors for IP input from LAN/WAN. Configuration of MSP 226 is made via a web browser interface, providing settings connection to web applications and video streams.

MSP 209M – Ethernet | Multi Mode Fibre

For Ethernet connections up to 1km, MSP209M is a IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX compliant device set. MSP 209S is supplied "ready to use" with Gigabit Ethernet interface.

MSP 209S – Ethernet | Single Mode Fibre

For Ethernet connections up to 10km, MSP209S is a IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX compliant device set, supporting up to Gigabit Ethernet. MSP 209M is supplied "ready to use".

MSP 214 – DVI | Fibre

Delivered as a Transmitter and Receiver set, MSP214 features DVI-I connectors supporting DVI 1.0 signals up to 2560x816@60Hz, 1920x1200@60Hz (WUXGA), and 2048x1200@60Hz. HDMI signals up to 1.4 may also be used with adapter. With low loss, high bandwidth 10Gbps transmission over fibre optic cable MSP214 provides solution for extended transmission of DVI.

MSP | Fiber Extenders

MSP | Fiber Extenders

MSP 314-2 – DVI Extender

Extend 2K DVI signals via Fiber optic cable with the MSP314-2 set. This compact transmitter/ receiver set plugs directly into DVI ports and is ideal for portable applications.
Integral LC ports allow fiber connections up to 300m with multi-mode or up to 2000m on single mode. Simply power MSP318-2 from supplied plug-packs.Resolutions up to 2560x816@60Hz are supported with EDID capture available via push-pin.

MSP 314-4 – DVI Extender

Extend DVI via Fiber optic cable with the MSP314-4 set. This compact, transmitter/ receiver set plugs directly into DVI ports avoiding the need for additional rack space or shelving. MSP314-4 features integral LC ports – simply connect to a Fiber cable to0 extend up to 300m (multi-mode) or up to 2000m (single mode). Power MSP318-4 from supplied plug-packs.Resolutions up to 3840x2160@30Hz are supported with EDID copy available via push-pin.

MSP 318-4 – HDMI Extender

Extend HDMI beyond usual limits with the MSP318-4 Fiber extender set. Plug the transmitter directly into an HDMI source, and connect to either single or multi mode fiber optic cable. Connect MSP318-4 to low voltage power supply (included) at each end - ideal for portable applications. Extend up to 300m with multi-mode or up to 2000m via single mode. HDCP compliant, resolutions up to 3840x2160@30Hz are supported with EDID management available via microUSB.

MSP 203 – SDI | HDMI

Up to 3G-SDI input signals are supported on this mini convertor, with an SDI Loop port also provided. Embedded audio may also be used else audio can be inserted as separate L/R analog or as digital AES / EBU inputs. Output to HDMI can be configured as HDMI 1.3 or DVI 1.0. DIP switches provide easy on device configuration, while remote configuration by USB is also available.

MSP 204 – HDMI | SDI

Convert common HDMI signals to SDI (up to 3G-SDI). Audio can be embedded into the SDI output or muted. Audio out split is available via ¼" mono jack connectors for either analog L/R audio or AES/EBU digital audio. On board configuration via DIP switches is available as is remote configuration over USB.

MSP 217 – 3G-SDI | FIBRE

For extended transmission of SDI signals the MSP 217 set of Transmitter and Receiver provide capability for high speeds over long distances with high fidelity and very low loss using fiber optic cable. This extender is suitable for SDI signals conforming to SMPTE 424, SMPTE 292M and SMPTE 259M

MSP | Signal Convertors

MSP 303

MSP 303 is a SDI to HDMI video converter supporting 1 x SDI input, 1 x HDMI output. SDI input resolutions available are 480i@60 I 576i I 720p@50/59.94/60 I 1080i@50/59.94/60 I 1080P@23.98/24/25/29.97/30/50/59.94/60. HDMI output resolutions supported are 720x480@60 I 720x576@60 I 1280x720@60 I 1920x1080@23.98/24/25/29.97/30/50/59.94/60.

MSP 304

MSP 304 is a HDMI to SDI video converter with one HDMI input and one SDI output. HDMI connects to sources including 720x480@60 I 720x576@60 I 1280x720@60 I 1920x1080@23.98/24/25/29.97/30/50/59.94/60, while the SDI output supports 7480i@60 I 576i I 720p@50/59.94/60 I 1080i@50/59.94/60 1080p@23.98/24/25/29.97/30/50/59.94/60.

MSP 227 – DVI Cross Converter

Convert input signal resolution for DVI output. Inputs signals supported are DVI, HDMI, VGA and YPbPr. Set the output resolution via DIP switch array. Other configurations use buttons and on screen display. Output up to 1920x1080p@60.

MSP 211 – HDMI | DVI

The HDMI 1.4 standard input converts video signals to DVI and splits the embedded audio out to dual mono ¼" jacks. Resolution formats supported are 480i, 576i, 480p, 576p, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p50, 1080p59.94, 1080p60.

MSP 210H – HDMI | SDI with Scan Convertor

Convert HDMI in VESA formats at 60Hz including 800x600, 1024x768, 1280x720, 1280x768, 1280x800, 1280x1024, 1360x768, 1366x768, 1400x1050, 1440x900, 1600x1200, 1680x1050, 1920x1080 to SDI. L/R audio signals or AES/EBU digital audio can be inserted and embedded. Up to 3G-SDI is supported - scaled/scan converted outputs can be set to 480i, 576i, 720p@50Hz, 720p@60Hz, 1080i@50Hz, 1080i@60Hz, 1080p@50Hz and 1080@60Hz with on configuration via on board DIP switch or USB.

MSP | Signal Convertors

MSP | Signal Distributors

MSP 216 – DVI

In convenient an compact format factor, MSP 216 provides simple 1-in-2 out distribution for DVI signals. MSP216 supports a wide range of resolutions up to 2160p 4K UHD, and EDID configuration can be done via USB connection to the XSET software. High quality gold plated DVI connectors are utilised and signal can be set to 8bit/10bit for HDMI support on DVI using the DIP switches.

MSP 319

A high performance, high stability, high-definition SDI distributor, MSP 319 supports one SDI input and four outputs. SDI in SD-SDI, HD-SDI and 3G-SDI standards can all be used, including with embedded audio. Maximum resolution is 1080p.

MSP | Signal Distributors

MSP 216 – DVI

In convenient an compact format factor, MSP 216 provides simple 1-in-2 out distribution for DVI signals. MSP216 supports a wide range of resolutions up to 2160p 4K UHD, and EDID configuration can be done via USB connection to the XSET software. High quality gold plated DVI connectors are utilised and signal can be set to 8bit/10bit for HDMI support on DVI using the DIP switches.

MSP 319

A high performance, high stability, high-definition SDI distributor, MSP 319 supports one SDI input and four outputs. SDI in SD-SDI, HD-SDI and 3G-SDI standards can all be used, including with embedded audio. Maximum resolution is 1080p.

DXP H0104

An HDMI 2.0 input and four HDMI output video distributor, DXP H0104 supports HDR YCbCr 4:4:4 technology and resolutions up to 4Kx2K@60Hz. HDCP2.2 compiant, DXP H0104 offers EDID management too.

DXP H0108

DXP H0108 is a HDMI2.0 single input, eight output video distributor. HDR signals and YCbCr 4:4:4 color space is supported. Resolutions up to 4Kx2K@60Hz may be used and DXP H0108 is HDCP 2.2 compliant. EDID management is availble on board with two modes sets.

DXP DP0102

DXP DP0102 is a DP 1.2 single input dual output video distributor. Up to 4Kx2K@60Hz resolutions may be used with HDR support for YCbCr 4:4:4 technologies. Two EDID managment modes are available allowing users to set according to application requirements.

MSP | Distributors

Product / signal compatibility matrix:

Signal	MSP329	MSP329 Tx	MSP329 Rx	MSP330	MSP330 Tx	MSP330 Rx	MSP315	MSP225	MSP226	MSP209M	MSP209S	MSP314-2	MSP314-4	MSP318-4	MSP203	MSP204	MSP303	MSP304	MSP217	MSP227	MSP210H	MSP211	MSP216	MSP319
HDBaseT							√																	
HDMI			√				√		√	√			√	√		√								
VGA			√																					
DVI												√	√						√		√	√		
SDI																√	√	√	√				√	
HDBaseT																								
HDMI		√	√		√		√	√													√	√		
VGA			√					√																
DVI		√										√	√						√		√	√		
SDI															√		√	√					√	

Legend (column groups):
- Ethernet Extenders: MSP329, MSP329 Tx, MSP329 Rx, MSP330, MSP330 Tx, MSP330 Rx, MSP315, MSP225, MSP226
- Fiber Extenders: MSP209M, MSP209S, MSP314-2, MSP314-4, MSP318-4
- Signal Convertors: MSP203, MSP204, MSP303, MSP304, MSP217, MSP227, MSP210H
- Signal Distributors: MSP211, MSP216, MSP319

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Video {Processing} for any scale