

BN382 SDVoE UHD HDMI Extender



Description:

- Advanced fiber-based SDVoE solution for uncompressed video and audio transport
- Delivers zero-frame latency and visually lossless 4K UHD transmission
- Supports HDMI 2.0 and HDCP 2.2 compliance for seamless connectivity
- Operates point-to-point over fiber or across a 10GbE IP network
- Scalable for point-to-point, point-to-multipoint, or fully matrixed switching setups
- Plug-and-play with auto-detection and minimal configuration required
- Compact, rugged design for live events, control rooms, digital signage, and professional AV
- Ensures durability and reliability for demanding and mission-critical applications

BN382:

HDMI TO OPTICAL



OPTICAL TO HDMI



Specifications

Model	HDMI to Optical		Optical to HDMI
Video			
Input Video Port	1 x HDMI		1 x SFP + (10G)
End-to-End Latency	Zero Latency		
Output Video Port	1 x SFP+ (10G)		1 x HDMI
Input/Output Video Resolutions	640x480 ⁸ , 800x600 ⁸ , 1024x768 ⁸ , 1280x1024 ⁸ , 1360x768 ⁸ , 1440x900 ⁸ , 1440x1050 ⁸ , 1600x1200 ⁸ , 720x480 ⁷ (480i59), 720x480 ⁷ (480p59), 720x576 ⁶ (576i50), 720x576 ⁶ (576p50), 1280x720 ⁵ (720p50), 1280x720 ⁷ (720p59), 1280x720 ⁸ (720p60), 1920x1080 ⁶ (1080i50), 1920x1080 ⁷ (1080i59), 1920x1080 ⁸ (1080i60), 1920x1080 ¹ (1080p23), 1920x1080 ² (1080p24), 1920x1080 ³ (1080p25), 1920x1080 ⁴ (1080p29), 1920x1080 ⁵ (1080p30), 1920x1080 ⁶ (1080p50), 1920x1080 ⁷ (1080p59), 1920x1080 ⁸ (1080p60), 3840x2160 ¹ (2160p23), 3840x2160 ² (2160p24), 3840x2160 ³ (2160p25), 3840x2160 ⁴ (2160p29), 3840x2160 ⁵ (2160p30), 3840x2160 ⁸ (2160p60), 4096x2160 ⁵ , 4096x2160 ⁸		
Audio			
Input Audio Port	1 x HDMI		1 x SFP+ (10G)
Output Audio Port	1 x SFP+ (10G)		1 x HDMI
Input/Output Audio Format	LPCM, 2.0/5.1/7.1 channel, 44.1/48/96/192 kHz Dolby True HD, up to 7.1,192kHz DTS-HD Master, up to 7.1,192kHz Dolby Digital AC-3 (DVD format) DTS version 1 (DVD format)		
Control			
Control Method	Semtech BlueRiver AV Manager, ProITAV AVP Product Updater		
General			
Operating Temp	0°C ~ 40°C 10% ~ 90%, non-condensing		
Storage Temperature	-20°C ~ 70°C 10% ~ 90%, non-condensing		
Power Supply	5V 2 A DC		
Power Consumption (Max)	4.26W	4.78W	
Transmission Distance	SFP Dependant (~300m with OM-3 multimode optical fibre cable, 10km+ with single mode)		
ESD Protection	Human body model: ±8kV (air-gap discharge) ±4kV (contact discharge)		
Product Dimensions (W x H x D)	64mm x 22mm x 87mm each		
Net Weight	0.16kg each		



Bluebell Opticom Limited,
Unit 2 The Quadrant,
Howarth Rd,
Maidenhead,
Berks,
SL6 1AP, UK
Tel: +44 (0) 1628 510055,
Email: sales@bluebell.tv
Website:www.bluebell.tv

