

SFP-H-7 "HYBRID" Series

Screen Sizes 17" 21" 24" 32" 47" 55" 65" 84"

plura
Re-Imagine Beyond Technology™



The New FUTURE PROOF SFP-H-7, Hybrid Monitor Series, supporting Coax, Fiber & IP connectivity.

PLURA SFP-H-7 Hybrid Series - Product Highlights:

The Plura SFP-H-7 is derivative of the popular SFP-H Hybrid Monitor Series, supporting Coax, Fiber & IP connectivity. In addition the SFP-H-7 series complies with SMPTE ST 2022-7 and Ember+. The SFP-H-7 series comes standard with PIPM-R-7. "Plura FPGA based module which supports 3G SMPTE ST 2110 signals across 10 GigE and it features 2x 10 GbE SFP+ cages complying with SMPTE ST 2022-7, providing redundancy protection for critical distribution and monitoring applications "hitless switching". The SFP-H-7 monitor series will be available in multiple sizes starting from 17" all the way to 84".

4x4 Cross Point solution

SFP-H-7 series comes standard with Built-IN 4x4 Cross Point solution. This allows Plura SFP-H-7 monitor to be utilized at the front, middle or back end of your video system. The monitor features 2x 10 GbE SFP+ cages complying with SMPTE ST 2022-7 as well as TWO SFP cages which can accept variety of third-party SFP modules.

LKFS* Audio Loudness Real-Time Monitoring & Logging including other powerful Audio Features

- Digital Loudness Audio Monitoring & Logging with selected channel measurement in LKFS / LUFS scale
- Stereo Analog & 16 CH Embedded Digital Audio Input Support.
- Advanced and various 16 CH Audio Metering Scales.
- Built -IN Stereo 2 W Speakers.
- De-embedding Audio, Stereo Analog Audio & 16 CH Embedded Digital Audio Input Support.

Closed Captioning (708/608) OP-47/42

SFP-H monitor can decode closed caption streams with 708 Service 1, Service 2, 608 Transcoded CC1,2,3&4, 608 line 21, & 608 ANC. SFP monitor can support Teletext 801 & Subtitle OP-47 for Australia & New Zealand region.

* LKFS Monitoring Option - Factory FIT ONLY

Various SFP & 10GbE SFP+ Modules Support

SFP-H-7 series adapts to various SFP-SDI & SFP+ modules, such as:

- 2x 10 GbE SFP+ cages complying with SMPTE ST 2110 & ST 2022-7
- IP Transceiver 3rd party modules supporting ST-2210, 2022
- Fiber Dual TX, RX, Transceiver modules
- Coaxial Dual TX, RX, Transceiver modules
- Hybrid Coaxial & Fiber TX & RX modules
- 3G/HD/SD to HDMI module

Ember+ control & other Prominent Features

- Ember+ support with Lawo-VSM, BFE-Core or any other Ember+ compliant control system.
- 3 preset programmable functions
- Line Mode, Skin tone, Range error, Focus Assist.
- Color Temperature – User, VAR, Adjustable (11000K TO 3200K)
- Internal Monitor Display (IMD)
- Pixel to Pixel Mode, Tally, DC Operation
- Display LTC & DVITC time code with line select
- Internal Pattern Generator Digital Audio Decoding
- Picture and Picture (PaP), Picture in Picture (PiP) Display / Blend

Please note that the technical details shown here are provisional specifications (as of Sept 2019). The Information is subject to change without notice.

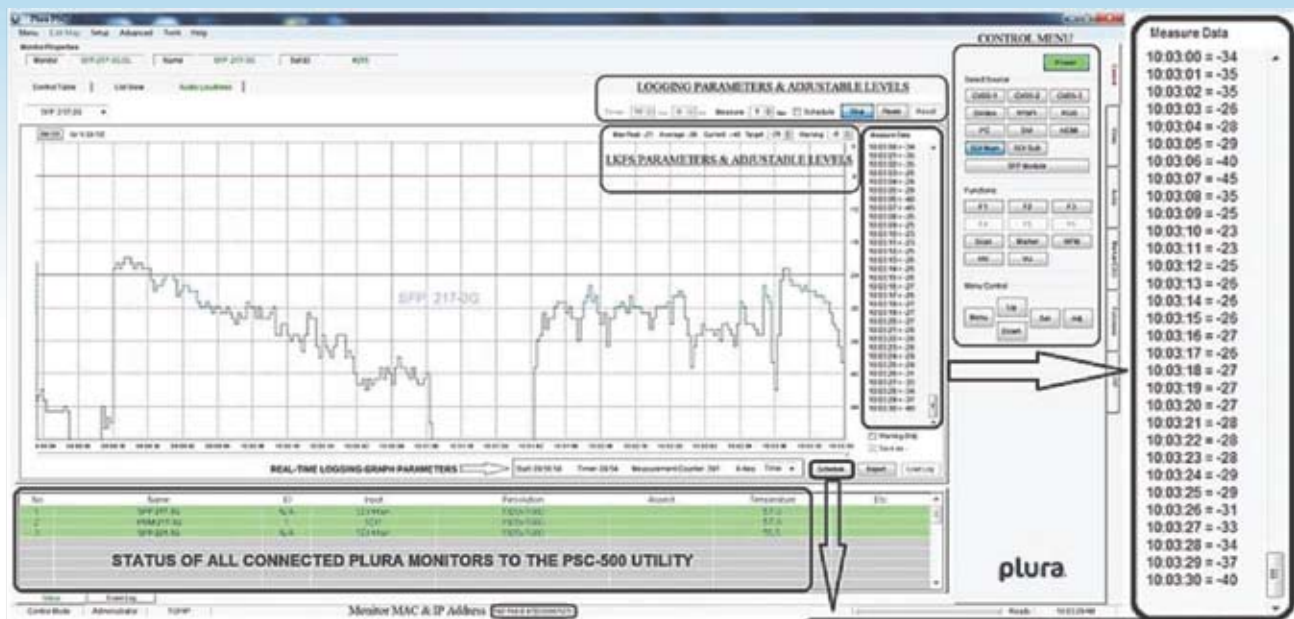
www.PluraInc.com

SFP-H Dashboard Capabilities

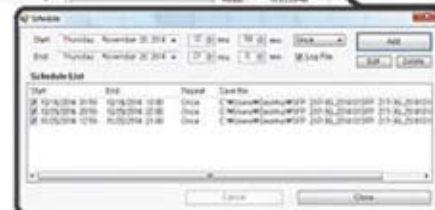
The NEW SFP-H-7 Series QC Dashboard series with the below NEW & Advanced features takes Master Control monitoring to a higher and unmatched Level. Plura SFP-H-7 line up for “QC Dashboard” Series of monitors that include WF/VS, Audio meters, (Closed Caption Decoding) and an on screen LKFS measurement with logging! SFP-H-7 monitor series have a built-IN 4x4 router and SFP modular capabilities. This would allow a direct multiple IP, Fiber and/or Coax feeds to the monitor, then you can break out to IP, Fiber, Coax or HDMI.

LKFS Loudness Real-Time Monitoring & Logging

- LKFS Loudness Real-Time display & logging on a remote PC using PSC-500 (Plura System Controller Utility). See below:



Real-Time logging on a Plura SFP-317H Monitor



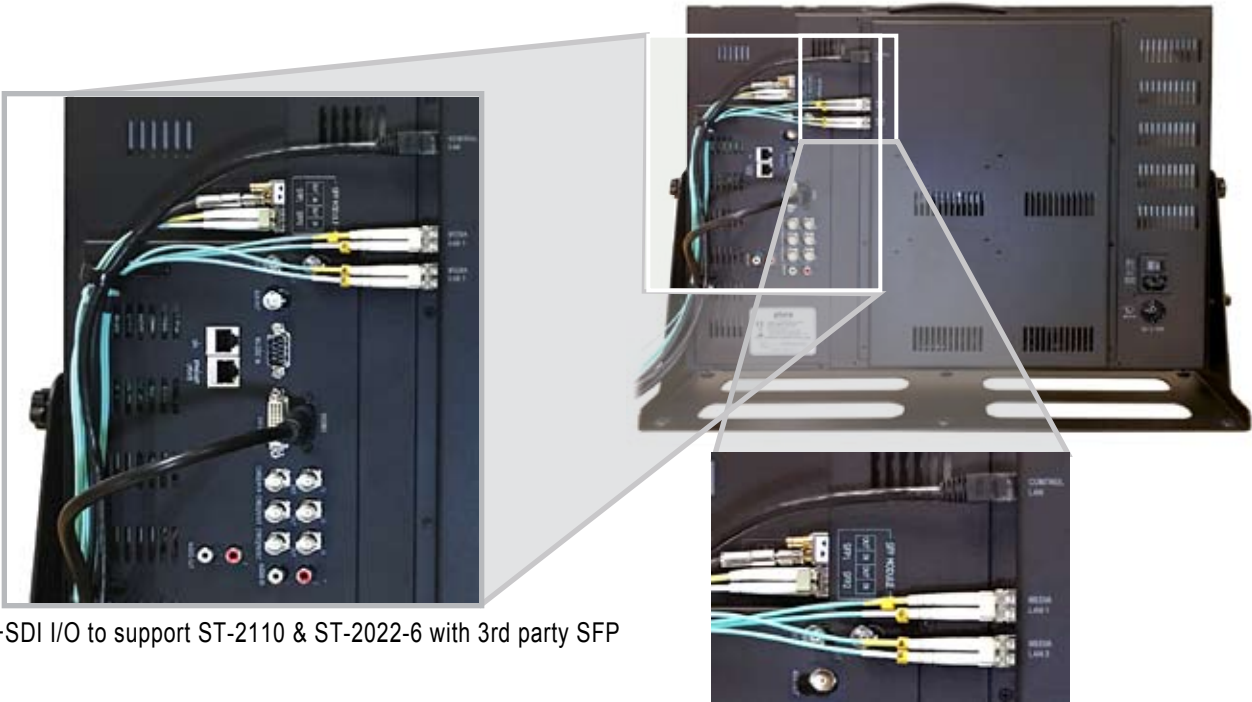
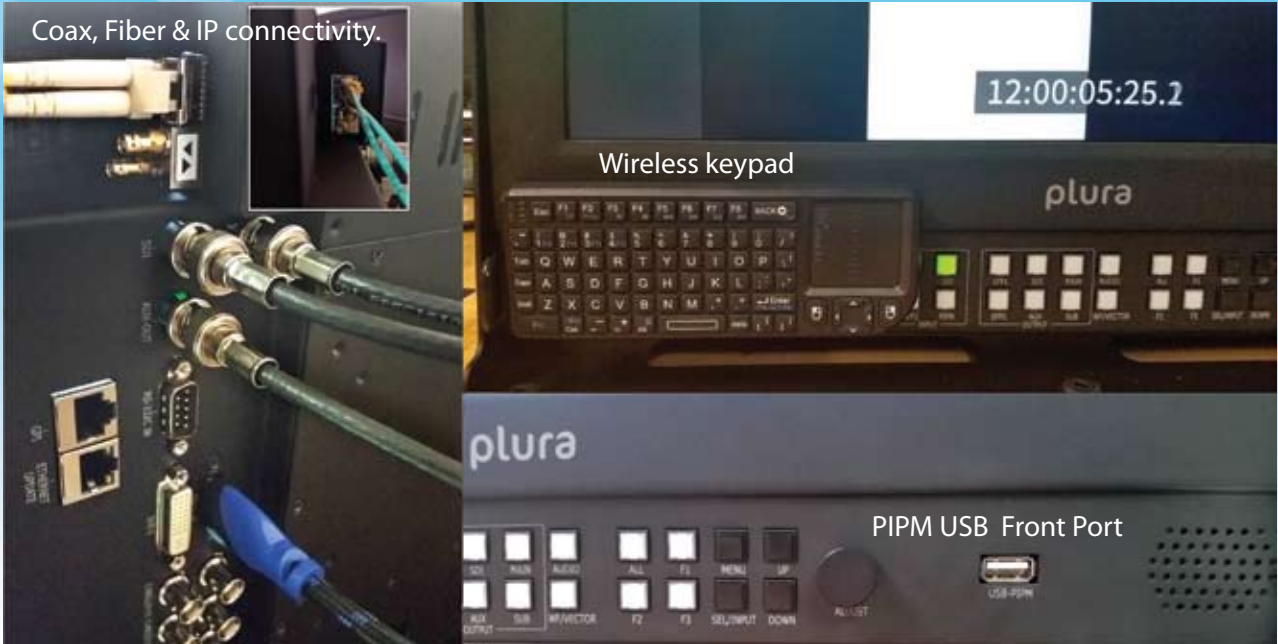
Schedule Menu
Edit & Add Unlimited schedule list items.

LKFS Loudness Real-Time display on the Plura monitor above.

Plura SFP-H-7 / Small Form Factor Pluggable Modules

The powerful I/O configuration design of SFP-H-7 monitor is based on the popular SFP/SFP+ (small form factor pluggable) modules. Every SFP-H-7 monitor comes with 2x 10 GbE SFP+ cages complying with SMPTE ST 2110/2022-7 in addition two SFP cages which can accept variety of 3rd party SFP modules.

SFP MODULE IN /OUT			
SFP 1		SFP 2	
IN 1	OUT 1	IN 2	OUT 2



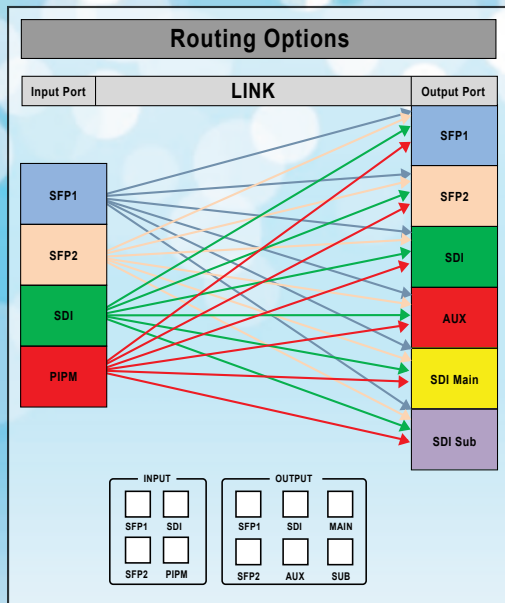
Dual SFP+SDI I/O to support ST-2110 & ST-2022-6 with 3rd party SFP

Back view of SFP-317-H-7

Dual 10GbE SFP+ Ethernet Media LAN I/O to support ST-2110 & ST-2022-7

SFP-H-7 Comes with Powerful Features

SFP Built-IN 4x4 Cross Point



SFP-H-7 Series comes standard with Built-IN 4 x 4 Cross point solution. This allows the Plura SFP-H-7 monitor to be utilized at the front, middle or backend of your video system. The monitor has two SFP cages which can accept a variety of Plura SFP modules.

SFP-H-7 is equipped with a powerful video processor to display concurrently two video inputs with the related Waveform & Vector, 16CH Audio Level Metering, and Timecode. Display Advanced Waveform & Vector Scope simultaneously with line select. Very slim chassis – Great for trucks, limited space and other general applications. 17", 21", 24", 32", 47", 55", 65" & 84" sizes.

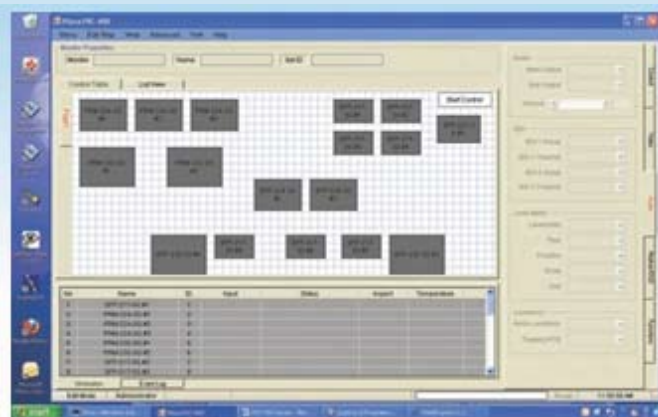
SFP-H-7 monitor series supports Ember+control system protocol.

All SFP-H-7 monitors can be controlled by Lawo-VSM, BFE-core or any other Ember+compliant control system.



Dual Display Mode with Waveform & Vector

PSC-500 - Plura System Controller



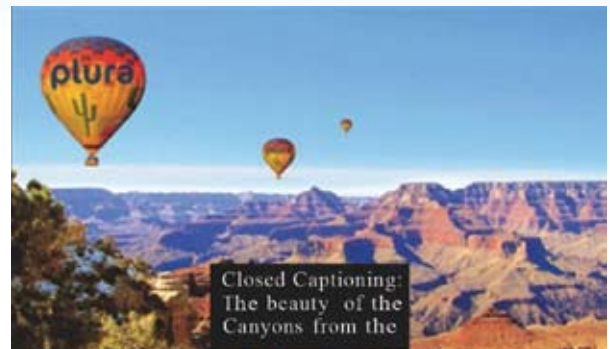
Inclusive Network Controller with Firmware & Cal. File Transfer

Powerful Audio Measurement Package

- LKFS Loudness Real - Time Monitoring and Logging
- Stereo Analog & 16CH Embedded Digital Audio Input Support.
- Advanced and various 16CH Audio Metering Scales
- Built-IN Stereo 2 W Speakers
- De-embedding Audio, Stereo Analog Audio & 16CH Embedded Digital Audio Input support

LKFS Audio Loudness Mode.

LKFS Audio Loudness Measurement - Digital Loudness Audio Metering with selected channel measurement in LKFS scale.



Closed Caption Real-Time display on Plura Monitor



LKFS Audio Loudness Mode.

SFP-H-7- Series Specifications: 17" 21" 24" 32"

FUNCTION		SFP-317-H-7	SFP-321-H-7	SFP-324-H-7	SFP-332-H-7
INPUT	SDI	1EA Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack			
	SFP+SDI-10G	2EA SFP+ Ports Serial Digital(1) , 3Gb/s, 1.485Gb/s, 270Mb/s			
	SFP+Ethernet-10G* - W /PIPM	Dual 10G(2) + Management			
	HDMI	1EA, HDMI, 19pin Female			
	DVI-VGA	1EA, DVI-I, 24pin, Female			
	Composite / Component	3EA, Composite, 1EA, Component(YPbPr/RGB), BNC Jack			
OUTPUT	S-Video	1EA, YC (S-Video), S-Jack			
	SDI	1EA Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack			
	SFP+SDI-10G	2EA SFP+ Ports Serial Digital(1) , 3Gb/s, 1.485Gb/s, 270Mb/s			
	AUX - SDI	1EA Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack			
	Composite / Component	3EA, Composite, 1EA, Component(YPbPr/RGB), BNC Jack			
DIGITAL MEDIA FORMAT	S-Video	1EA, YC (S-Video), S-Jack			
	SMPTE-ST-2110	SFP+ SDI - 10G(1) & SFP+ Ethernet -10G(2)			
	SMPTE-ST-2022-6	SFP+ SDI - 10G(1) & SFP+ Ethernet -10G(2)			
	SMPTE-ST-2022-7	Dual SFP+ Ethernet 10G(2)			
	SMPTE-428.1M	2048x1080P (24/25)			
	SMPTE-425(3G)	1080p(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF25sF/24sF/23.98sF) 1080i (60/59.94/50)			
	SMPTE-260M	1920x1035i(60/59.94)			
	SMPTE-292M	1920x1080i (50/59.94/60) 1920x1080P (30Pst/25Pst/24Pst/30/25/24)			
		Dual Link HD-SDI YPbPr(4:2:2): 1080P(50/59.94/60)			
		Dual Link HD-SDI YpbPr/RGB(4:4:4)			
	SMPTE-372M	1080P(30/29.97/25/24/23.98)			
		1080i(29.97/25/24/23.98)			
		720P(60/59.94/50)			
	SMPTE-296M	1280x720P (50/59.94/60)			
	SMPTE-259M/C	480i(59.94)			
		576i(50)			
	Component	640 X 480 up to 1920 X 1080p			
		H Frequency Range : 22~82KHz, V Frequency Range : 55~90Hz,			
	HDMI / DVI Digital	Maximum Resolution : UXGA at 60Hz			
		Maximum Pixel Rate: 162MHz			
ANALOG INPUT FORMAT	Composite	1.0Vpp(with sync)			
	S-Video	Y :1.0Vp-p, C:0.286Vp-p			
	Component	1.0Vpp (Y with Sync) 0.7Vpp (Pb/Pr)			
	RGB	1.0Vpp (G with Sync), 0.7Vpp (R/B)			
	DVI- (Analog PC)	H Frequency Range : 22~82KHz, V Frequency Range : 55~90Hz, Maximum Resolution : UXGA at 60Hz			
AUDIO INPUT	Line Input	Analog Stereo (RCA Jack)			
	SDI Audio Input	Embedded HD/SD-SDI Audio			
AUDIO OUTPUT	Speaker Output	1EA, L/R, Stereo pin jack			
	Line Output	2EA, 2W+2W			
	Ear-phone Output	1EA, L/R Stereo, 3.5mm pin jack			
	SDI Audio Output	Input Line & De-embedded Audio, 1~ 16CH			
I/O PORT	GPI	1EA, Remote, RJ-45 Jack, GPI-7 Port			
	RS232/422	1EA, RS-232/422, Serial interface			
	Ethernet Port	RJ-45 8 pin Ethernet port, 100Mbps, supported for F/W update & wall control applications RJ-45 8 pin Ethernet port, 100Mbps, supported for PIPM management applications*			
CONTROL	Wireless	Mini Wireless Keyboard & Touchpad*			
	HTTP	HTTP Web Interface*			
LCD	Size	17"	21"	24"	32"
	Aspect Ratio	16 : 9	16 : 9	16 : 10	16 : 9
	Resolution	1920 x 1080	1920 x 1080	1920 x 1200	1920 x 1080
	Color Depth	8 bit			
	Viewing Angle (deg-Typ)	H: 160 - V: 160	H: 178 - V: 178	H: 178 - V: 178	H: 178 - V: 178
	Luminance of White-Max	450 cd/m2	350 cd/m2	400 cd/m2	450 cd/m2
	Contrast (Typ)	900: 1	1000 : 1	1000 : 1	1500 : 1
	Display Area (H X V) (mm)	372.9 x 209.7	495.6 x 305.2	518.4 x 324.0	698.4 x 392.85
	Response Time	Tr=8ms / Tf=8ms	Tr=6ms / Tf=6ms	Tr=7.5ms / Tf=7.5ms	Tr=6ms / Tf=6ms
POWER REQUIREMENT		AC 100V - 240V (60/50 Hz)			
POWER CONSUMPTION		65	TBD	TBD	TBD
WORKING TEMPERATURE		0°C ~ 40°C (32°~104°F)			
WORKING HUMIDITY		10%RH ~ 85%RH (Non Condensed)			
STORAGE TEMPERATURE		-10°C ~ 80°C (14°~176°F)			
STORAGE HUMIDITY		10%RH ~ 85%RH (Non Condensed)			
WEIGHT (w/o Stand, PIPM* & Packaging)		4.99 Kg - 11 Lbs	7.71 Kg - 17 Lbs	8.61 Kg - 19 Lbs	16.6 Kg - 30 lbs
WEIGHT (w/ Packaging) (w/o PIPM*)		8.8 Kg - 19.5 Lbs	10.4 Kg - 23 LBs	13.6 Kg - 30 LBs	22.6 Kg - 50 lbs
DIMENSION (WxHxD) (w/o Stand, PIPM and Packaging)		442 x 310 x 64 mm	528 x 350 x 65 mm	553.8 x 408 x 68 mm	773 x 452 x 72.6 mm
		17.4 x 12.2 x 2.5 inches	20.78 x 13.77 x 2.56 inches	21.8 x 16.06 x 2.68 inches	28.85 x 17.8 x 2.8 inches
PACKAGING DIMENSION (WxHxD)		584.2 x 482.6 x 254.0 mm	635 x 482.6 x 254.0 mm	711.2 x 584.2 x 254.0 mm	932 x 630 x 272 mm
		23 x 19 x 10 inches	25 x 19 x 10 Inch	28 x 23 x 10 Inch	36.69 x 24.8 x 10.71

Media Production Supported Format Options

- (1) 3rd Party SFP+ Decoder SMPTE 2110 / SMPTE 2022-6
 (2) PIPM* H/W & S/W Option SMPTE 2110 / SMPTE 2022-6 / SMPTE 2022-7
 PIPM-5 Module SMPTE 2110 / SMPTE 2022-6
 PIPM-R-7 Module SMPTE 2110 / SMPTE 2022-6 / SMPTE 2022-7
 * PIPM "Plura IP Platform Module"

Please note that the technical details shown here are provisional specifications (as of Sept 2019). The Information is subject to change without notice.

SFP-H-7 Series Specifications: 47" 55" 65" 84"

FUNCTION		SFP-347-H-7	SFP-355-H-7	SFP-365-H-7	SFP-384-H-7
INPUT	SDI	1EA Serial Digital, 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack			
	SFP+SDI-10G	2EA SFP+ Ports Serial Digital(1) , 3Gb/s, 1.485Gb/s, 270Mb/s			
	SFP+Ethernet-10G* - W / PIPM	Dual 10G(2) + Management			
	HDMI	1EA, HDMI, 19pin Female			
	DVI-VGA	1EA, DVI-I, 24pin, Female			
	Composite / Component	3EA, Composite, 1EA, Component(YPbPr/RGB), BNC Jack			
OUTPUT	S-Video	1EA, YC (S-Video), S-Jack			
	SDI	1EA Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack			
	SFP+SDI-10G	2EA SFP+ Ports Serial Digital(1) , 3Gb/s, 1.485Gb/s, 270Mb/s			
	AUX - SDI	1EA Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack			
	Composite / Component	3EA, Composite, 1EA, Component(YPbPr/RGB), BNC Jack			
	S-Video	1EA, YC (S-Video), S-Jack			
DIGITAL MEDIA FORMAT	SMPTE-ST-2110	SFP+ SDI - 10G(1) & SFP+ Ethernet -10G(2)			
	SMPTE-ST-2022-6	SFP+ SDI - 10G(1) & SFP+ Ethernet -10G(2)			
	SMPTE-ST-2022-7	Dual SFP+ Ethernet -10G(2)			
	SMPTE-428.1M	2048x1080P (24/25)			
	SMPTE-425(3G)	1080p(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF25sF/24sF/23.98sF) 1080i (60/59.94/50)			
	SMPTE-260M	1920x1035i(60/59.94)			
	SMPTE-292M	1920x1080i (50/59.94/60) 1920x1080P (30Pst/25Pst/24Pst/30/25/24)			
		Dual Link HD-SDI YPbPr(4:2:2) : 1080P(50/59.94/60)			
		Dual Link HD-SDI YpbPr/RGB(4:4:4)			
	SMPTE-372M	1080P(30/29.97/25/24/23.98)			
		1080i(29.97/25/24/23.98)			
		720P(60/59.94/50)			
	SMPTE-296M	1280x720P (50/59.94/60)			
	SMPTE-259M/C	480i(59.94)			
		576i(50)			
	Component	640 X 480 up to 1920 X 1080p			
ANALOG INPUT FORMAT	Composite	1.0Vpp(with sync)			
	S-Video	Y :1.0Vp-p, C:0.286Vp-p			
	Component	1.0Vpp (Y with Sync) 0.7Vpp (Pb/Pr)			
	RGB	1.0Vpp (G with Sync), 0.7Vpp (R/B)			
		H Frequency Range: 22~82KHz, V Frequency Range :			
	DVI- (Analog PC)	55~90Hz, Maximum Resolution: UXGA at 60Hz			
AUDIO INPUT		Maximum Pixel Rate : 162MHz - Separate Sync Support			
	Line Input	Analog Stereo (RCA Jack)			
AUDIO OUTPUT	SDI Audio Input	Embedded HD/SD-SDI Audio			
	Speaker Output	1EA, L/R, Stereo pin jack			
	Line Output	2EA, 2W+2W			
	Ear-phone Output	1EA, L/R Stereo, 3.5mm pin jack			
I/O PORT	SDI Audio Output	Input Line & De-embedded Audio, 1~ 16CH			
	GPI	1EA, Remote, RJ-45 Jack, GPI-7 Port			
	RS232/422	1EA, RS-232/422, Serial interface			
CONTROL	Ethernet Port	RJ-45 8 pin Ethernet port, 100Mbps, supported for F/W update & wall control applications			
		RJ-45 8 pin Ethernet port, 100Mbps, supported for PIPM management applications*			
	Wireless	Mini Wireless Keyboard & Touchpad*			
LCD	HTTP	HTTP Web Interface*			
	Size	47"	55"	65"	84"
	Aspect Ratio	16 : 9	16 : 9	16 : 10	16 : 9
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Color Depth	10 bit			
	Viewing Angle (deg-Typ)	H: 178 - V: 178	H: 178 - V: 178	H: 178 - V: 178	H: 178 - V: 178
	Luminance of White-Max	450 cd/m2	600 cd/m2	400 cd/m2	500 cd/m2
	Contrast (Typ)	4000: 1	4000 : 1	4000 : 1	5000 : 1
	Display Area (H X V) (mm)	1040.48 x 585.27	1209.6 x 680.4	1428.48 x 803.52	1859.58 x 1045.97
POWER REQUIREMENT	Response Time	Tr=6ms / Tf=6ms	Tr=6ms / Tf=6ms	Tr=6ms / Tf=6ms	Tr=7.5ms / Tf=7.5ms
		AC 100V - 240V (60/50 Hz)			
POWER CONSUMPTION - Watts		TBD	TBD	TBD	TBD
WORKING TEMPERATURE		0°C ~ 40°C (32°~104°F)			
WORKING HUMIDITY		10%RH ~ 85%RH (Non Condensed)			
STORAGE TEMPERATURE		-10°C ~ 80°C (14°~176°F)			
STORAGE HUMIDITY		10%RH ~ 85%RH (Non Condensed)			
WEIGHT (w/o Stand, PIPM* & Packaging)		22.6 Kg - 50 lbs.	30.0 Kg - 66 lbs.	TBD	TBD
WEIGHT (w/ Packaging) (w/o PIPM*)		31.75 Kg - 70 lbs	39.0 Kgs -86 lbs.	TBD	TBD
DIMENSION (WxHxD) (w/o Stand, PIPM and Packaging)		1080 x 645 x100 mm	1245 x 721 x 76 mm	TBD	TBD
		42.36 x 25.2 x 3.94 inches	49 x 28.4 x 3 Inch	TBD	TBD
PACKAGING DIMENSION (WxHxD)		1219 x 863 304 mm	1475 x 975 x 305 mm	TBD	TBD
		48 x 34 x 12 inches	58.0 x 38.25 x 12.0 inch	TBD	TBD

Media Production Supported Format Options

Please note that the technical details shown here are provisional specifications (as of Sept 2019). The Information is subject to change without notice.

- (1) 3rd Party SFP+ Decoder SMPTE 2110 / SMPTE 2022-6
 (2) PIPM* H/W & S/W Option SMPTE 2110 / SMPTE 2022-6 / SMPTE 2022-7
 PIPM-5 Module SMPTE 2110 / SMPTE 2022-6
 PIPM-R-7 Module SMPTE 2110 / SMPTE 2022-6 / SMPTE 2022-7
 * PIPM "Plura IP Platform Module"

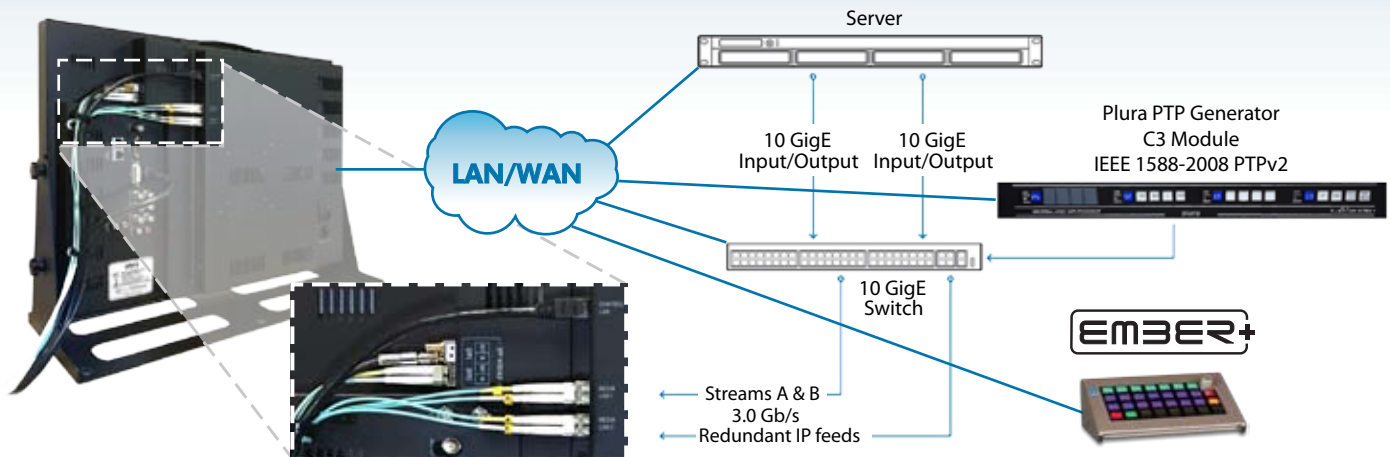
PIPM “Plura IP Platform Module”

The PIPM module can decode and analyze a wide variety of media formats across SFP+ 10G high capacity IP interface. There are three different platforms with three different monitoring levels. All modules can be integrated in any size SFP-H monitor.



PIPM-5, "Plura Software Stack IP Platform" computing core module integrated with Preview Level S/W license and one Codec License included. PIPM-5 support decoding and analyzing media formats such as ASPEN, 2110 and 2022-6 in addition it provides MSL “Master Source List” monitoring capability. The PIPM-5 can be integrated into any size SFP-H monitor. Additional Codec Licenses and other options are available.

PIPM-R-7, "Plura FPGA based module supports 3G SMPTE ST 2110 signals across 10 GigE and it features 2x 10 GbE SFP+ cages complying with SMPTE ST 2022-7, providing redundancy protection for critical distribution and monitoring applications “hitless switching”. The PIPM-R-7 is standard with SFP-H-7 and can be integrated into any size SFP-H monitor.



SFP-H with Smart Service Telemetry & Scalable IP Monitoring Solution



The SFP-H is integrated with powerful H/W & S/W platforms to support Coaxial 3Gb/s BNC I/O connectivity, Coaxial SFP I/O connectivity, IP SFP+ over Fiber decoding "ST-2110 & ST-2022" with Third-Party H/W decoder and the NEW PIPM "Plura Software Stack IP Platform". The new PIPM is integrated and optimized with Ember+ and ability to automate and provide Smart Service Telemetry Platform on the display. Such as smart SCOPE or any other third-party telemetry platform.

PIPM-Module Platforms

The PIPM module can decode and analyze a wide variety of media formats across SFP+ 10G high capacity IP interface. There are two different platforms with three different monitoring levels. All modules can be integrated into any size SFP-H monitor.

PIPM MODULE #	DESCRIPTION	Media Format Decoding & Monitoring Options					
		DECODE				Master Source List	Hitless Switching Redundancy
		No of Streams	2110	2022-6	2022-7	MSL	HSR
PIPM - 5	"Plura Software Stack IP Platform" computing core module integrated with Preview Level S/W license and one Codec License included. It can be integrated into any size SFP-H monitor. Additional Codec Licenses and other options are available. Check ordering information.	1	X	X		X	
PIPM - R - 7	Plura-R-7. "Plura IP Platform" FPGA based module supports 3G SMPT ST 2110 signals across 10 GigE and it features 2x 10 Gbe SFP+ cages complying with SMPT ST 2022-7, providing redundancy protection for critical distribution and monitoring applications "hitless switching".	2	X		X		X

PIPM-Series Specifications:

FUNCTION		PIPM-5	PIPM-R-7
INPUT	SFP+Ethernet-10G	Dual 10G ₍₁₎ + Management	
OUTPUT	SDI	1EA Serial Digital , 3Gb/s, 1.485Gb/s, 270Mb/s, BNC Jack	
	HDMI	1EA, HDMI, 19pin Female	
DIGITAL MEDIA FORMAT	SMPTE ST-2110	SFP+ Ethernet -10G ₍₁₎	
	SMPTE ST-2022-6	SFP+ Ethernet -10G ₍₁₎	
	SMPTE 2077-7	Dual SFP+ Ethernet -10G ₍₂₎	
	SMPTE 428.1M	2048x1080P (24/25)	
	SMPTE 425(3G)	1080p(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF25sF/24sF/23.98sF) 1080i (60/59.94/50)	
	SMPTE 260M	1920x1035i(60/59.94)	
	SMPTE 292M	1920x1080i (50/59.94/60) 1920x1080P (30Psf/25Psf/24Psf/30/25/24)	
		1080P(30/29.97/25/24/23.98)	
	SMPTE 372M	1080i(29.97/25/24/23.98)	
		720P(60/59.94/50)	
	SMPTE 296M	1280x720P (50/59.94/60)	
	SMPTE 259M/C	480i(59.94)	
		576i(50)	
		H Frequency Range : 22~82KHz, V Frequency Range : 55~90Hz,	
AUDIO OUTPUT	SDI Audio Output	De-embedded Audio, 1-16CH	
	RS232/422	1EA, RS-232/422, Serial interface	
	Ethernet Port	RJ-45 8 pin Ethernet port, 100Mbps, supported for PIPM management applications	
CONTROL	Wireless	Mini Wireless Keyboard & Touchpad	
	HTTP	HTTP Web Interface	
MEDIA DECODING PER LICENCE ⁽¹⁾	ST-2110	X	X
	ST-2022-6	X	
	ST-2022-7		X
MONITORING OPTIONS	Master Source List "MSL"	X	
	Hitless Switching Redundancy "HSR"		X
SYSTEM	Processor	Intel® Core™ i5	FPGA
	Operating System	Linux	

Please note that the technical details shown here are provisional specifications (as of Sept 2019). The Information is subject to change without notice.

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