



Re-imagine
beyond technology



Monitors



Timers



I.M.D.P.



Viewfinders



Calibration

plura®

U.S.A.



Germany



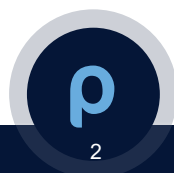
U.A.E.



S. Korea

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About Plura

plura®

Re-Imagine Beyond Technology™

Plura is a leading global manufacturer of a wide range of high-performance multi-function monitors (up to 86") including 4K and Timing/Synchronization solutions engineered for digital broadcast and professional video production. Plura products offer an incomparable feature set, superior picture quality and extraordinary value and reliability. Plura is known for truly affordable high-end features built upon core technology. The company's solutions include studio and portable video monitors, studio production timer, Timecode displays & Timecode PCIe cards and test and measurement systems.



Our Story

Plura's management and development team is inspired by 35 man years of software development and 75 years of collective Display and Timing experience. Plura team is aware that building a rising business that meets the many industries we serve has to be based on 100% customer satisfaction and providing reliable and dependable technology products and services. Our intuitive developments and innovations will continue to be Re-imagined, evolving and moving FORWARD. The value of reliable support and solutions provided at a consistent value is an important element to fostering customers' relationships that last far beyond that initial transaction. This drives our new slogan "Re-Imagine Beyond Technology".

Global Reach



Plura Broadcast Inc. HQ Office



Plura Europe GMBH Germany



Plura MEA Dubai, U.A.E.



Plura ASIA Seoul - S. Korea



Our Philosophy

Plura is predominantly an engineering company whose goal is to provide the best, most cost-effective solutions and reduce the Total Cost of Ownership (TCO) of monitoring and timing applications, through providing incomparable features, superior picture quality and extraordinary value and reliability.

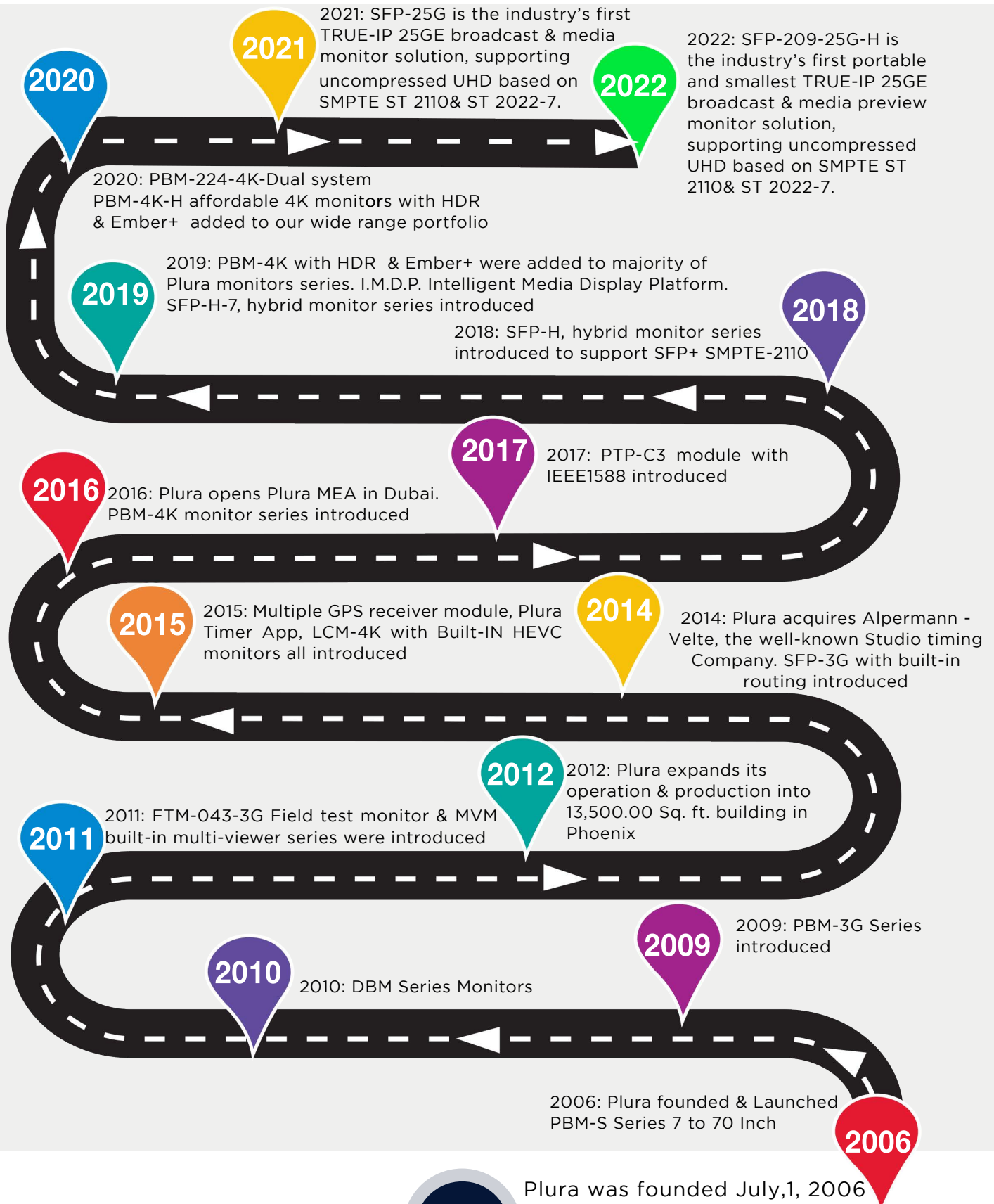
Everyone at Plura understands that success is based on 100% customer satisfaction achieved by providing dependable products and services customers need, when they need them, without compromise; as well as developing customer relationships that last far beyond the initial transaction.

Plura products are assembled under strict quality control in Phoenix, AZ, USA & Wuppertal, Germany, and along with a network of high-caliber dealers and distributors worldwide provide unmatched service and support.

Our Seven Plura Product Characteristics . . .



Our History & Key Milestones



Industries We Serve

Broadcast & Media | Surveillance & Security | Aerospace & Aviation | Museums & Galleries

Plura recognizes that there are special needs within the professional broadcast, Procast, Aerospace & Aviation, Intelligent Transportation Systems (ITS), Surveillance & Security and Museums & Galleries industries that are not easily addressed by many other manufacturers who need high volume to justify production. Plura is devoted to developing products to meet the specialized needs & requirements for our worldwide customers.



BROADCAST
AND MEDIA



SURVEILLANCE
AND SECURITY



AEROSPACE
AND AVIATION



MUSEUMS AND
GALLERIES



BROADCAST AND MOBILE

Plura Monitors in action in Broadcast
Production studios worldwide



SURVEILLANCE AND SECURITY

Plura Monitors onboard Surveillance
Vehicles for Border Protection



Re-imagine Beyond Technology



sales@plurainc.com

AEROSPACE AND AVIATION

Plura Monitors onboard the first HD News
Chopper in Tampa Bay Area



NASA tests RS-25 Flight Engine for Launch
System utilizing Plura's - IRIG-B timing system.



MUSEUMS AND GALLERIES

PLURA I.M.D.P. Monitor Wall in National Museum of Qatar



Stunning Visual FX across 30 displays with Monitor Sizes ranging from 86" to 15"



The Plura I.M.D.P. media solution contributed to the successful launch of the National Museum of Qatar



Plura Product Solutions Overview

Intelligent Media Display Platform

The NEW state of the art Intelligent Media Display Platform (I.M.D.P.) solution is a one of a kind system experience that combines content creation with state of the art displays... and server solutions.



Plura Monitors

Plura monitoring solutions were designed, engineered and built based on worldwide involvement with different technology segments, learned through hands-on experience which products were of high quality and value.

Plura Timing + Synchronization tools

are engineered for the future. Digital broadcast and professional video production applications are based on more than 45 years of timecode technology experience.

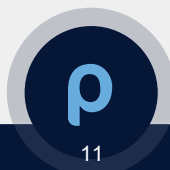
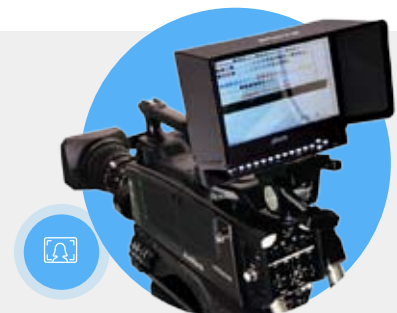


Calibration tools

Calibration returns your display to a reference standard for brightness and color consistency. Monitor Display can change over time and thus render the same image differently. See how Plura solves this.

Plura Viewfinders

Plura has worked closely with Hitachi USA team since 2013. Plura agreed to develop and build custom design viewfinder solution for Hitachi cameras in two different sizes, 7 & 9 inches.



Plura Timing + Synchronization tools

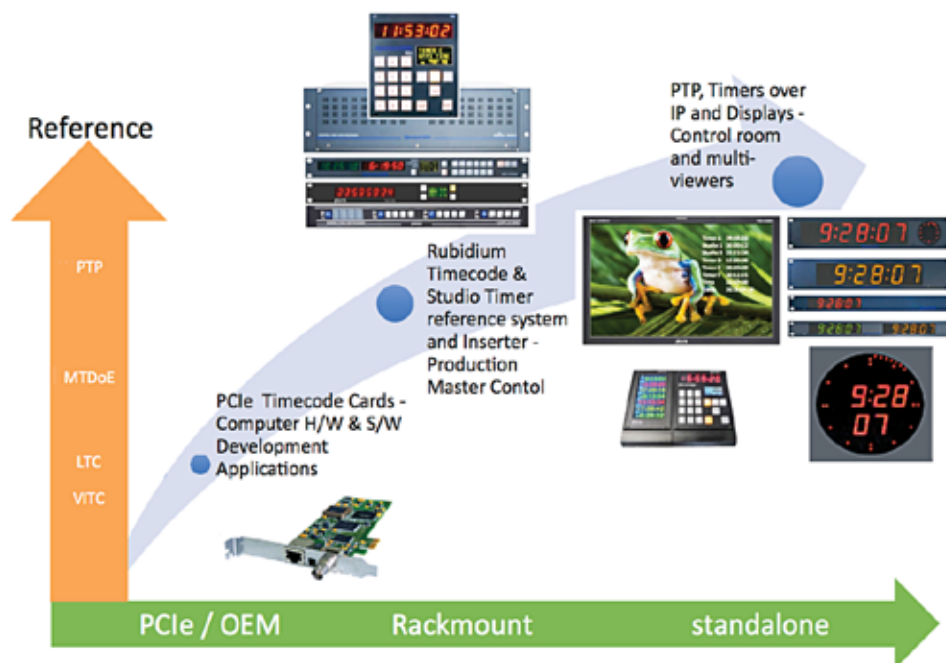


Plura Timing + Synchronization solutions are engineered for digital broadcast and professional video production applications based on more than forty five years of timecode technology experience due to the acquisition of Alpermann+Velte in 2014.

Timing Solutions are comprised of:

- ▶ SYNCHRONIZATION & TIMING
- ▶ STUDIO PRODUCTION TIMER
- ▶ TIME & TIMECODE DISPLAYS
- ▶ TIMECODE PCIe CARDS

Comprehensive Product Lineup



The key differentiators!

Wide range of configurations that can be adopted in many Timing configurations systems for Master Control, Production, Edit and OEM computer H/W & S/W development applications. Multiple references such as PTP, LTC, VITC & MTDoE. Many video options 12G, 3G, HDMI, Hybrid IP. Custom applications and software development options are available. Please refer to www.plurainc.com for the full product line up.



Synchronization & Timing

Rubidium Series • TCC70XS2 • PTP • TC60

Synchronization & Timing solutions is a result of PLURA's vast experience with the newest timecode technology which is comprised of:

- ▶ RUBIDIUM SERIES
- ▶ TCC70XS2 STAND ALONE INSERTER, GENERATOR, READER AND CONVERTER
- ▶ PTP SERIES - IEEE-1588
- ▶ TC60 TIMECODE READER WITH SERIAL INTERFACE



RUBIDIUM GNS-10 MHZ



RUB C3-ieee-1588-ptp-V2



RUBIDIUM IE



TIMECODE TC60



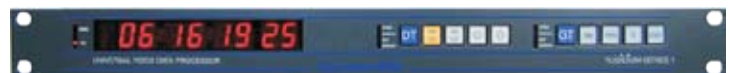
GNS-10MHz (Multi-GPS Receiver)



TCC70



TCC70 back



RUBIDIUM D1



RUBIDIUM H1



RUBIDIUM H3



Studio Production Timers

SPT • TCU • MTD-ID • ELC • MTDoE • Plura App
Up to Six Different Timers / Time Zones Simultaneously



PLURA's vast experience with timecode technology contributes to our ongoing innovations and solution offerings in the broadcast industry. Studio production timer equipped with MTDoE technology (Multi-Time Display over Ethernet) PLURA is proud to offer. MTDoE is an exclusive studio-timer technology was developed and designed by PLURA to deliver affordable and reliable timer solution which compromises of the following components:-

- ▶ SPT - STUDIO PRODUCTION TIMER
- ▶ TCU - TIMER CONTROL UNIT
- ▶ MTD-ID - MULTI TIME ID DISPLAY
- ▶ ELC - ETHERNET - LTC CONVERTER
- ▶ MULTI-TIME DISPLAY OVER ETHERNET
- ▶ PLURA TIMER APP



Time & Timecode Displays

UD300D



UD25TT



UD25-8



UD25



UDD25



UD56



UD56-8



UD56-S



PLURA's displays are designed and engineered to perfection. They offer a wide selection of sizes, colors, input formats and mounting options. All displays have built-in quartz clocks which enables continuous operation. PLURA displays comprises the below features:

- ▶ UD SERIES - UD DISPLAYS
- ▶ AVAILABLE IN 8 DIGITS
- ▶ AVAILABLE IN 6 DIGITS
- ▶ SUPPORT LTC, MTD, NTP & IRIG-B

UD300



Timecode PCIe Cards



PLURA's most reliable and affordable PCIe cards are being used by variety customers in many critical and important computer hardware software development solutions. Driver compatibility between analog, digital video and 3G video cards enables you to design a software which is inter-operable with any PLURA PCIe card. The PCIe cards are available in several flavors such as:

- ▶ PCL- PCIe - PCI EXPRESS CARD READER
- ▶ PCL- PCIe TS - PCI EXPRESS REAL TIME SYNCHRONIZATION

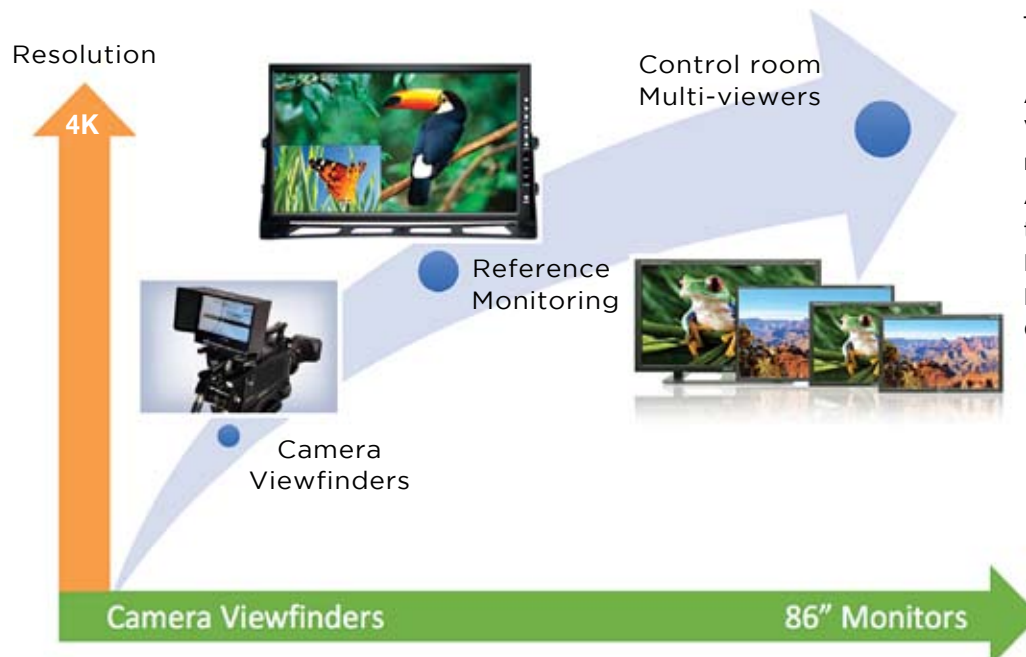


Monitors engineered for all



Plura monitoring were designed, engineered & built based on worldwide involvement with different technology segments, learned through hands-on experience which products were of high quality and value. A few of the current series are listed below:

SERIES	SCREEN SIZES	I/O COMPATIBILITY
SFP-25G	17" 24" 32" 43" 49" 55" 65" 86"	IP-SFP28 2110 / 2022-7 • 12G-SDI • 3Gb/s • NMOS • EMBER+ • HDR
SFP-25G-H	9" 10" 17" 21" 24" 32" 47"	IP-SFP28 2110 / 2022-7 • 12G-SDI • 3Gb/s • NMOS • EMBER+ • HDR
SFP-10G	9" 10" 17" 21" 24" 32" 47"	IP-SFP+ 2110 / 2022-7 • 12G-SDI • 3Gb/s • NMOS • EMBER+ • HDR
PBM-4K	17" 24" 32" 43" 49" 55" 65" 86"	4K-UHD • 12G-SDI • IP-SFP+/ 2110 • 3Gb/s • HDR • EMBER+
PBM-4K-H	10" 17" 21" 24" 32" 47" 55"	4K-UHD • 12G-SDI • 3Gb/s • HDR • EMBER+
SFP-H-7	17" 21" 24" 32" 47" 55"	IP-SFP+/ 2110-2022-7 • 3Gb/s • HDR • LKFS • EMBER+
SFP-H	17" 21" 24" 32" 47" 55"	IP-SFP+/ 2110 • 3Gb/s • HDR • LKFS • EMBER+
PRM-3G	17" (LED) & 24" (OLED) 10-bit	OLED • 3Gb/s • LKFS • HDR • 10-bit
PBM-3G	4x4" 4x5" 7" 9" 10" 17" 21" 24" 32" 40" 46" 47" 55"	3Gb/s • LKFS • HDR • EMBER+
LCM-3G	7" 9" 19" 23" 32" 47"	3Gb/s



The key differentiators!

A wide range of sizes from Viewfinders to 86" control room monitors.
All sizes can be calibrated to look the same
Multiple input options, including HDMI, Hybrid IP, Fiber and Coax
Custom frame options & Size



SFP-25G ST 2110 Series

UHD Screen Sizes: 17" 24" 32" 43" 49" 55" 65" 86"

THE INDUSTRY'S FIRST TRUE-IP
SFP28 25GbE BROADCAST & MEDIA
MONITOR SOLUTION, SUPPORTING
UNCOMPRESSED UHD BASED on
SMPTE ST 2110 & 2022-7.



PRODUCT FEATURES

- Dual 10/25 GbE SFP+/SFP28 interfaces as MEDIALAN1 and MEDIALAN2
- Two generic compatible 25G-SR SFP28 850nm digital optical monitoring LC MMF optical transceiver modules included
- Dual 25GbE De-Encapsulation channels are fully compatible with many MM and SM SFP modules manufactures
- 1 x 12G/3G/1.5G loop output for MEDIALAN1 main ST 2110T support
- 1 x 12G/3G/1.5G Aux/2nd channel ST 2110T support
- Supports ST 2110, ST 2022-6T, ST 2022-7 & PTP/ST 2059 V2
- ST 2110-10, System architecture and synchronization: essences, RTP, SIP and PTP
- ST 2110-20, Uncompressed video transport, Wide / Narrow types
- ST 2110-21, Traffic shaping and network delivery timing
- ST 2110-30, Audio transport profile level C, 16CH, 48Khz sample rate, 11ms/.125Qs
- ST 2110-40, Transport of ancillary data
- ST 2022-7 seamless protection switching providing data loss protection
- SMPTE ST 2022-6T supported with optional license
- Ember+, NMOS, JT-NM Interoperability support
- Management Interface support (NMOS, In-band)
- Web UI / Ember+ Out-band control support
- NMOS IS-04 discovery and registration
- NMOS IS-05 device connection management
- JT-NM NMOS certification support
- JSON snippet for NMOS control support
- Ember+ monitor control support with extensive Ember+ tree control
- Session Description Path "SDP" file support
- IGMP V2 & V3 support
- Plura web user interface "UI" support
- Supports Coaxial 12G/3G/1.5G BNC I/O connectivity
- Supports Coaxial SFP I/O connectivity
- 1 x SFP+ cages supporting 12G/10G/3G/1.5G SDI
- 2 x 12G/3G/1.5G or 1 x Quad 3G-SDI (2SI / SQ) input ports
- 2 x 12G/3G/1.5G or 1 x Quad 3G-SDI (2SI / SQ) output ports
- 1 x HDMI 2.0a input port
- 10 bit panel color depth
- Supports up to 4096 x 2160 resolutions
- HDR (High Dynamic Range) capabilities
- PQ (SMPTE ST 2084) & HLG (Hybrid Log Gamma)
- RGB 12 bit Digital Signal Processing
- 178 degree Viewing Angle Display
- Gamma Selectable (0.8 - 3.0)
- Color Temperature - User, VAR, Adjustable
- (11000K TO 3200K)
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- ColourSpace PRO integration for advanced and accurate display profiling and calibration functionalities
- 3D LUT (ITU-R BT 2020, Native, BT.709, SMPTE-C, EBU, NTSC, D-Cinema)
- Display Advanced Waveform & Vector Scope simultaneously with line select
- Various and User defined Markers Display & Safe Area
- Programmable 6 User Front Pushbutton Controls & GPI
- Closed Caption (608/708) - North American Market
- Cutting edge De-interlacing and scaling Technology
- Fast Response Time for high motion video
- Internal Monitor Display (IMD)
- Ethernet & RS232 Remote Control
- Ember+ compliant control system capabilities
- Underscan / Overscan / Normal / Zoom
- Pixel to Pixel Mode, Tally, DC operation
- False Color and Peaking Filter / Focus Assist
- Video Range test with adjustable Y & C values
- Display LTC & DIVTC time code with line select
- Embedded Audio input, Digital Audio Decoding
- Internal Pattern Generator and Wall Control System

†optional



SFP-25G-H ST 2110 Series

FHD Screen Sizes: 9" 10" 17" 21" 24" 32" 47"

THE INDUSTRY'S FIRST PORTABLE
AND SMALLEST TRUE-IP SFP28
25GbE BROADCAST & MEDIA
PREVIEW MONITOR SOLUTION,
SUPPORTING UNCOMPRESSED
UHD BASED on SMPTE ST 2110 &
2022-7.



PRODUCT FEATURES

- Dual 10/25 GbE SFP+/SFP28 interfaces as MEDIALAN1 and MEDIALAN2
- Two generic compatible 25G-SR SFP28 850nm digital optical monitoring LC MMF optical transceiver modules included
- Dual 25GbE De-Encapsulation channels are fully compatible with many MM and SM SFP modules manufactures
- 1 x 12G/3G/1.5G loop output for MEDIALAN1 main ST 2110T support
- 1 x 12G/3G/1.5G Aux/2nd channel ST 2110T support
- Supports ST 2110, ST 2022-6T, ST 2022-7 & PTP/ST 2059 V2
- ST 2110-10, System architecture and synchronization: essences, RTP, SIP and PTP
- ST 2110-20, Uncompressed video transport, Wide / Narrow types
- ST 2110-21, Traffic shaping and network delivery timing
- ST 2110-30, Audio transport profile level C, 16CH, 48Khz sample rate, 11ms/.125Qs
- ST 2110-40, Transport of ancillary data
- ST 2022-7 seamless protection switching providing data loss protection
- SMPTE ST 2022-6T supported with optional license
- Ember+, NMOS, JT-NM Interoperability support
- Management Interface support (NMOS, In-band)
- Web UI / Ember+ Out-band control support
- NMOS IS-04 discovery and registration
- NMOS IS-05 device connection management
- JT-NM NMOS certification support
- JSON snippet for NMOS control support
- Ember+ monitor control support with extensive Ember+ tree control
- Session Description Path "SDP" file support
- IGMP V2 & V3 support
- Plura web user interface "UI" support
- Supports Coaxial 12G/3G/1.5G BNC I/O connectivity
- Supports Coaxial SFP I/O connectivity
- 1 x SFP+ cages supporting 3G/1.5G SDI
- 1 x 12G/3G/1.5G input port
- 1 x 3G/1.5G input port
- 1 x 12G/3G/1.5G output port
- 1 x 3G/1.5G output port
- 1 x HDMI 2.0a input port
- 8 bit panel color depth
- Supports up to 4096 x 2160 resolutions
- HDR (High Dynamic Range) capabilities
- PQ (SMPTE ST 2084) & HLG (Hybrid Log Gamma)
- RGB 12 bit Digital Signal Processing
- 178 degree Viewing Angle Display
- Gamma Selectable (0.8 - 3.0)
- Color Temperature - User, VAR, Adjustable
- (11000K TO 3200K)
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- ColourSpace PRO integration for advanced and accurate display profiling and calibration functionalities
- 3D LUT (ITU-R BT 2020, Native, BT.709, SMPTE-C, EBU, NTSC, D-Cinema)
- Display Advanced Waveform & Vector Scope simultaneously with line select
- Various and User defined Markers Display & Safe Area
- Programmable 6 User Front Pushbutton Controls & GPI
- Closed Caption (608/708) - North American Market
- Cutting edge De-interlacing and scaling Technology
- Fast Response Time for high motion video
- Internal Monitor Display (IMD)
- Ethernet & RS232 Remote Control
- Ember+ compliant control system capabilities
- Underscan / Overscan / Normal / Zoom
- Pixel to Pixel Mode, Tally, DC operation
- False Color and Peaking Filter / Focus Assist
- Video Range test with adjustable Y & C values
- Display LTC & DIVTC time code with line select
- Embedded Audio input, Digital Audio Decoding
- Internal Pattern Generator and Wall Control System

†optional



SFP-10G ST 2110 Series

FHD Screen Sizes: 9" 10" 17" 21" 24" 32" 47"

THE INDUSTRY'S FIRST PORTABLE
AND SMALLEST TRUE-IP SFP+
10GbE BROADCAST & MEDIA
PREVIEW MONITOR SOLUTION,
SUPPORTING UNCOMPRESSED
FHD BASED on SMPTE ST 2110 &
2022-7.



PRODUCT FEATURES

- Dual 10 GbE SFP+ interfaces as MEDIALAN1 and MEDIALAN2
- Two generic compatible 10G-SR SFP+ 850nm digital optical monitoring LC MMF optical transceiver modules included
- Dual 10GbE De-Encapsulation channels are fully compatible with many MM and SM SFP modules manufactures
- 1 x 12G/3G/1.5G loop output for MEDIALAN1 main ST 2110 support
- 1 x 12G/3G/1.5G Aux/2nd channel ST 2110 support
- Supports ST 2110, ST 2022-6T, ST 2022-7 & PTP/ST 2059 V2
- ST 2110-10, System architecture and synchronization: essences, RTP, SIP and PTP
- ST 2110-20, Uncompressed video transport, Wide / Narrow types
- ST 2110-21, Traffic shaping and network delivery timing
- ST 2110-30, Audio transport profile level C, 16CH, 48Khz sample rate, 11ms/.125µs
- ST 2110-40, Transport of ancillary data
- ST 2022-7 seamless protection switching providing data loss protection
- SMPTE ST 2022-6T supported with optional license
- Ember+, NMOS, JT-NM Interoperability support
- Management Interface support (NMOS, In-band)
- Web UI / Ember+ Out-band control support
- NMOS IS-04 discovery and registration
- NMOS IS-05 device connection management
- JT-NM NMOS certification support
- JSON snippet for NMOS control support
- Ember+ monitor control support with extensive Ember+ tree control
- Session Description Path "SDP" file support
- IGMP V2 & V3 support
- Plura web user interface "UI" support
- Supports Coaxial 12G/3G/1.5G BNC I/O connectivity
- Supports Coaxial SFP I/O connectivity
- 1 x SFP+ cages supporting 3G/1.5G SDI
- 1 x 12G/3G/1.5G input port
- 1 x 3G/1.5G input port
- 1 x 12G/3G/1.5G output port
- 1 x 3G/1.5G output port
- 1 x HDMI 1.4 HDCP 1.2 input port
- 8 bit panel color depth
- Supports up to 4096 x 2160 resolutions
- HDR (High Dynamic Range) capabilities
- PQ (SMPTE ST 2084) & HLG (Hybrid Log Gamma)
- RGB 12 bit Digital Signal Processing
- 178 degree Viewing Angle Display
- Gamma Selectable (0.8 - 3.0)
- Color Temperature - User, VAR, Adjustable
- (11000K TO 3200K)
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- ColourSpace PRO integration for advanced and accurate display profiling and calibration functionalities
- 3D LUT (ITU-R BT 2020, Native, BT.709, SMPTE-C, EBU, NTSC, D-Cinema)
- Display Advanced Waveform & Vector Scope simultaneously with line select
- Various and User defined Markers Display & Safe Area
- Programmable 6 User Front Pushbutton Controls & GPI
- Closed Caption (608/708) - North American Market
- Cutting edge De-interlacing and scaling Technology
- Fast Response Time for high motion video
- Internal Monitor Display (IMD)
- Ethernet & RS232 Remote Control
- Ember+ compliant control system capabilities
- Underscan / Overscan / Normal / Zoom
- Pixel to Pixel Mode, Tally, DC operation
- False Color and Peaking Filter / Focus Assist
- Video Range test with adjustable Y & C values
- Display LTC & DIVTC time code with line select
- Embedded Audio input, Digital Audio Decoding
- Internal Pattern Generator and Wall Control System



PBM-4K (HDR) Series

UHD Screen Sizes: 17" (17" Dual) 24" (24" Dual) 32" 43" 49" 55" 65" 86"

THE NEW PBM-4K COMPREHENSIVE
AND POWERFUL SERIES



PRODUCT FEATURES

- 12G / 6G / 3G / 1.5G / Quad 3G SQ and 2SI
- SFP+ Optical and / or Electrical
- HDMI 2.0 HDCP2.2
- Supports up to 4096 x 2160 resolutions
- UHD & 10 bit panel color depth
- Ember+ Compliant, TSL, Ethernet Control
- HDR (High Dynamic Range) capabilities
- PQ (SMPTE ST 2084) & HLG (Hybrid Log Gamma)
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- 3D LUT (ITU-R BT 2020, Native, BT.709, SMPTE-C, EBU, NTSC, D-Cinema)
- Camera S-Log Gamma Curve Optimization Support
- Waveform/Vector, Gamma Adjustment, False Color, Focus Assist, Video Range

PBM-4K-H (HDR) Series

FHD Screen Sizes: 10" 17" 21" 24" 32" 47" 55"

THE NEW & AFFORDABLE PBM-4K-H
PREVIEW SERIES



PRODUCT FEATURES

- 12G / 6G / 3G / 1.5G
- SFP+ Optical and/or Electrical
- HDMI 1.4
- Supports up to 4096 x 2160 resolutions
- FHD & 8 bit panel color depth
- Ember+ Compliant, TSL, Ethernet Control
- HDR (High Dynamic Range) capabilities
- PQ (SMPTE ST 2084) & HLG (Hybrid Log Gamma)
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- 3D LUT (ITU-R, BT.2020, D-Cinema, BT.709)
- Camera S-Log Gamma Curve Optimization Support
- Waveform/Vector, Gamma Adjustment, False Color, Focus Assist, Video Range



SFP-H “HYBRID” Series

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

SFP-324-H-3G



PRODUCT FEATURES

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

- Integrated with powerful H/W & S/W platforms
- Supports Coaxial 3Gb/s BNC I/O connectivity
- Supports Coaxial SFP I/O connectivity
- Supports IP SFP+ over Fiber decoding "ST-2110 & ST-2022"
- PIPM-R-7 "Plura IP Platform Module" Option to support 2110 & 2022-7
- SFP+ 10G high capacity IP interface
- 4x4 Cross Point solution
- LKFS* Audio Loudness Real-Time Monitoring & Logging
- Powerful Audio Features
- Closed Captioning (708/608)
- Various SFP Modules
- "3" Programmable Presets & other Prominent Features

SFP-H-7 “HYBRID” Series

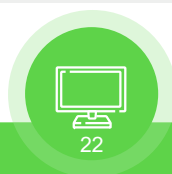
Screen Sizes 17" 21" 24" 32" 47" 55" 65"



PRODUCT FEATURES

The New FUTURE PROOF SFP-H-7, 2110 & 2022-7 Series.

- Supporting Coax, Fiber & IP connectivity
- Complies with SMPTE ST 2110, ST 2022-7 and Ember+
- Comes standard with PIPM-R-7.
- Supports 3G SMPTE ST 2110 signals across 10 GbE
- Features 2x 10 GbE SFP+ cages complying with SMPTE ST 2022-7
- redundancy protection for critical distribution "hitless switching"
- 4x4 Cross Point solution
- LKFS* Audio Loudness Real-Time Monitoring & Logging
- Powerful Audio Features
- Closed Captioning (708/608)
- Various SFP Modules
- "3" Programmable Presets & other Prominent Features



PRM- 3G Series

Screen Sizes: 17" (LED) and 24" (OLED) 10-bit

The Most Valuable 10-bit Monitor Ever!



PRM-217-3G



PRM-224-3G-O

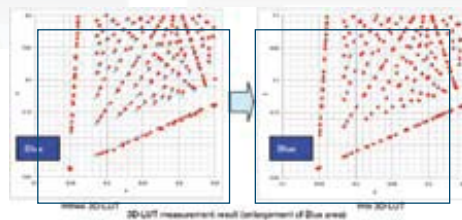


10-Bit Panel



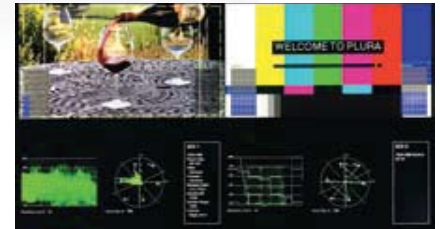
The colors you see are more accurate and the transitions between colors are smoother for a more realistic picture.

3D LUT Capability



The PRM-Series offers 17x17x17 - 8 points linear interpolation 3D LUT

Dual Display Mode



PRM is equipped with powerful a video processor to display concurrently two video inputs & related Waveform & Vector

PRODUCT FEATURES

- 1920x1080 Precision Broadcast LCD Series, 3G Ready
- PRM-224-3G-O built with Grade A - 10 BIT OLED 24.5" panel
- PRM-217-3G is built with Grade A - 10 BIT LED 17" panel
- Very fast response time for smooth video
- High contrast of 5000:1, wide viewing angle
- Accurate color reproduction and quality picture consistency
- "6" Programmable Presets and other Prominent Features
- 3D LUT Capability
- Closed Caption (708/608) & OP47
- Dual Display with Dual Waveform and Vector
- HDR Display Capabilities - Supports PQ (ST-2084) & HGL
- LKFS Audio Loudness Metering & Logging Package
- 16 CH Audio Decoding, De-embedding & Level Metering

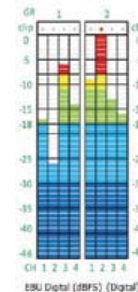
Powerful Audio Measurement Package

LKFS Audio Loudness Mode.



LKFS Audio Loudness Measurement - Digital Loudness Audio Metering with selected channel measurement in LKFS 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 & 16CH Embedded Digital Audio Input support



LCM - 3G Series

Screen Sizes: 7" 9" 19" 23" 32" 47"

Affordable General Use Broadcast Monitor



COST EFFECTIVE MULTI FORMAT 3G HD-SDI BROADCAST MONITOR
WITH DUAL DISPLAY AND (PIP) PICTURE IN PICTURE CAPABILITY

PRODUCT FEATURES

- 3Gb/s ready - 1080/60P
- 2 x Auto-detect with active loops (3Gb/s - 1.485Gb/s - 270Mb/s)
- Complies with EBU-3320 TECH, SMPTE-C and ITU-R BT.709 Standards
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- RGB, YUV, Y/C, Composite, UXGA, DVI & HDMI(DHCP)
- Cutting edge De-interlacing and Scaling Technology
- Fast Response Time for high motion video
- 12 bit Digital Signal Processing
- 178° Viewing Angle Display
- Color Temperature - User adjustable (11000K TO 3200K)
- Various and User defined Markers Display, Safe Area in HD/SD
- Picture and Picture (PaP), Picture in Picture (PiP) display / Blend
- Third-party Tally systems support
- Underscan / Overscan / Normal / Zoom
- Internal Test Pattern mode
- Ethernet & Serial Wall Remote Control



PBM- 3G Series

Screen Sizes: 7" 9" 10" 17" 21" 24" 32" 46" 47" 55" 65" 70"



Advanced Display Modes:



Waveform + Vector Scope Transparency
SDI-1, Waveform / Vectorscope, 16 CH Audio Level Meter & Timecode



Waveform + Vector Scope + VPID
SDI-1, Waveform / Vectorscope, 16 CH Audio Level Meter, VPID & Timecode



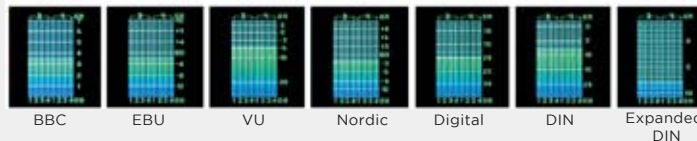
Advanced Waveform + VPID + Marker
SDI-1, Waveform, (Y,Cr,Cb), 16 CH Audio Level Meter, VPID & Marker



Dual 3 Gb/s Input Display Mode
SDI-1, SDI-2, Waveform / Vectorscope, 16 CH Audio Level Meter, VPID & Timecode



PBM-307-3G utilized as a viewfinder

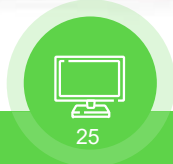


Various Audio Level Meter Scales



PBM-209-3G utilized as a viewfinder

Powerful 3Gb/s-ready - 7, 9 & 10 Inch Broadcast Monitors



Intelligent Media Display Platform



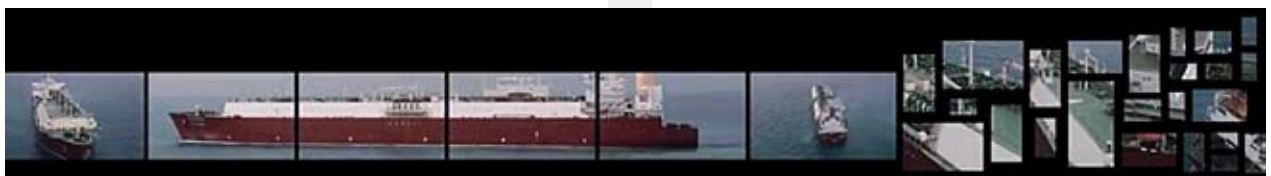
The NEW state of the art Intelligent Media Display Platform solution is a one of a kind system experience that combines content creation with state of the art displays and server solutions.

I.M.D.P. Flagship Project

The National Museum of Qatar / Alchemy Gallery 10 project was the flagship project which I.M.D.P. system was designed uniquely and tailored with 30 different displays from 86" to 15" sizes. The project was commissioned and in full operation since March 2019.

Early in 2019, Nice Shoes and Plura came together to deploy stunning VFX across 30 displays ranging from 86" to 15" at the recently launched National Museum of Qatar. The displays almost act as a digital structure, immersing visitors in the story of one of the country's main exports: Liquid Natural Gas.

PLURA I.M.D.P. Monitor Wall in Qatar Museum



Stunning Visual FX across 30 displays with Monitor Sizes ranging from 86" down to 15"



Calibration tools



Calibration returns your display to a reference standard for brightness and color consistency. A Monitor Display can change over time and thus render the same image differently. See how Plura solves this.

- ▶ Complimentary Software Tool Measurement &
- ▶ Calibration Support
- ▶ PLURA & other 3rd party Compatibility Integrated
- ▶ Third Party Color Probes Support



Plura ICAC Software



Klein K-10



Spyder 4 Elite



Minolta CA-310



Jeti / Specbos



Monitors in calibration process using Klein K-10



Viewfinder Solutions



Plura has worked closely with Hitachi USA team since 2013. Plura agreed to develop and build custom designed viewfinder solutions for Hitachi cameras in two different sizes, 7 & 9 inches.

- ▶ Hi-Res 7" & 9"
- ▶ Front & Back Tally LED
- ▶ Integrated Hitachi Viewfinder Solutions
- ▶ Other OEM Solutions are available upon request



7" & 9" LCD - On Camera View Finders



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