Leyard Europe netPIX FUSION

Compact Video Wall Controller Solution

netPIX Fusion, is a compact stand-alone version of eyevis netPIX processing units. It is a powerful industrial PC solution comprising the cutting-edge technology of 13th generation Intel® Core i7™ processor family series.

The netPIX Fusion can serve as a powerful rendering node for local applications, videos or alarms but offers also unparalleled IP decoding performance over multiple protocols such H.264, H.265, NDI, VNC, Cast and others when used in combination with the eyeUNIFY wall management software.
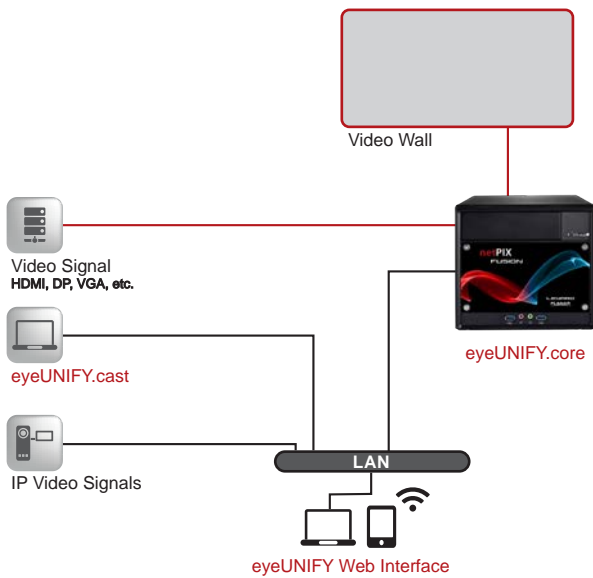
With support for optional hardwired inputs or outputs, the netPIX Fusion can fully satisfy customer's expectations and therefore be used in applications such as control rooms, boardroom and corporate meeting rooms.

The pre-packaged netPIX Fusion, available in 3 unique configurations, is a perfect fit in combination with Leyard Europe Complete video walls.

Advantages at a Glance

▶ *Flexible and compact Video Wall Controller solution*

▶ *eyevis eyeUNIFY Wall Management Software included*

▶ *Intel® Core™ i7 processor*

▶ *Intel® integrated UHD graphics, up to three (3) displays*

▶ *Multi-protocol decoding capabilities*

▶ *Sources, information and alarms from standard IP networks are made available for display*

▶ *Optional in- or output card available*

▶ *Transmission and display of 4K-Signals are possible with 4K/Ultra HD displays or video wall arrangements.*

▶ *Open system architecture, simple expandability for additional signal sources.*

System Example

Video Wall

Video Signal
HDMI, DP, VGA, etc.

eyeUNIFY.cast

IP Video Signals

LAN

eyeUNIFY.core

eyeUNIFY Web Interface

eyeUNIFY Enterprise Software Features*

Compatible with nearly every visual data and video source, eyevis eyeUNIFY Software provides the freedom to capture, display and share visual information across the video wall, control rooms and the entire enterprise.

Main Features:

- Free positioning and scaling of any source windows on the video wall
- Save window configurations and recall them when needed
- Define actions based on automated triggers, such as time scheduled display of sources or automated on/off cycles
- Comprehensive User Management, multi-language capability and hotkey manager

Supported Source Types:

Local Applications, physical video inputs (if applicable), IP video streams, browser, clock widget, message box widget, carousels (loops) of selected sources, VNC, RDP, NDI®

*see our dedicated eyeUNIFY brochure for a complete feature list

netPIX-FUSION Input/Output Specifications

Model	netPIX-Fusion	netPIX-Fusion-4-IN	netPIX-Fusion-4-OUT
Graphics Processor	Onboard		Dedicated
Outputs	2× DisplayPort 1.4, 1× HDMI 2.0		4× HDMI 2.0
Output Resolution	3× 4096×2160@60Hz		4× 4096×2160@60Hz
Inputs	-	4× Mini HDMI	-
Input Resolution	-	4× 3840×2160@60Hz	-
HDCP Support	Yes*		
Audio Support	Yes		
Accessory		Mini HDMI input adapters, HDMI Retention Bracket	HDMI Retention Bracket

*HDCP supported on outputs

netPIX-FUSION Controller Specifications

Model	netPIX-Fusion	netPIX-Fusion-4-IN	netPIX-Fusion-4-OUT
CPU	16 Cores, 2.10Ghz		
Memory	32GB DDR4		
BUS System	1× PCIe 5.0 x16, 1× PCIe 3.0 x1		1× PCIe 3.0 x1
Storage	500GB M.2 SSD NVMe		
Network	1x 1Gbit RJ45		
Power Supply	100-240 V, 50-60Hz, 500 Watt		
Operating System	Windows 11 Pro		
Dimensions (WxHxD)	216 × 190 × 329 mm / 8.5 × 7.5 × 13.0 inch		
Weight	3.8 kg / 8.4 lbs		
Operating Conditions	Temperature: 0℃ - 40℃ (32°F - 104°F) / Humidity: 10 - 90% not condensing / Altitude: up to 3,048 m (10,000 ft)		