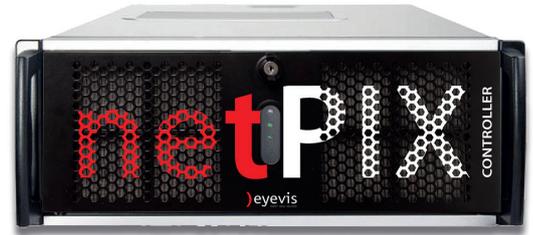




netPIX *MOTION*

HIGH-END GRAPHIC CONTROLLER
FOR VISUAL DISPLAY SYSTEMS



) PRODUCT DESCRIPTION netPIX-motionST

The new netPIX-motionST is a cost-efficient entry-level solution to our famous netPIX product family of high performance video wall controllers for demanding visual display applications. In addition to the control of individual displays and projection devices, the netPIX-motionST can also be used to run smaller to medium-sized video wall systems. Here, its multi-screen-ability provides the possibility to control the outputs individually or combined to a connected desktop. The range of possible sources covers simple image files, documents, video streams, remote capture over standard networks, up to physical real-time 4K inputs. All sources can be freely mixed, scaled and placed according to the requirements of the application. Thus, the new netPIX-motionST now offers all technologies to meet future requirements.

Comprehensive control of any visual display system can be achieved through the combination of the netPIX controller with our enterprise wall management solution eyeUNIFY.

The representation of the right content, at the right time and in the best possible quality, thus facilitates any work, whether in a control room, in a show room, during an event or any other professional video installation.

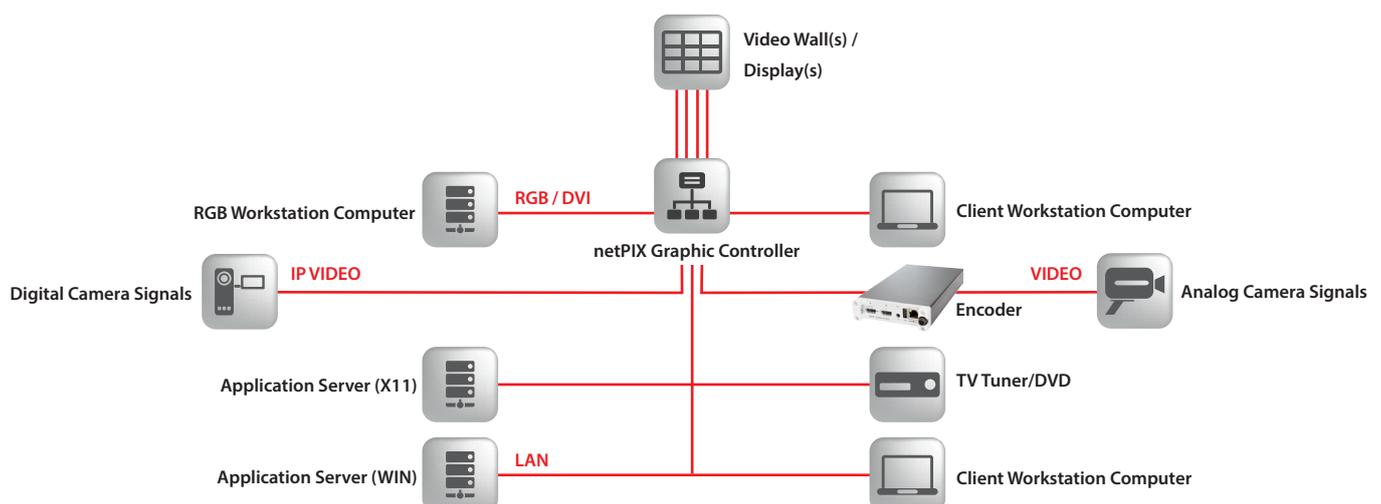
Why do I need a split controller ?

- To connect larger numbers and different types of input signals to your system (IP, RGB/DVI, Analog, ...).
- To distribute and display the different input signals to connected displays, projectors and video walls.
- To create a combined desktop surface on the connected modules of a video wall.
- To show connected sources in any size and position on the connected displays.

The advantages of our new netPIX-motion controller at a glance:

- Cost-efficient entry-level controller for the control of displays and video walls in control rooms and presentation areas
- Latest IT hardware dedicated to the operation of video walls and display systems
- Hardware platform for video wall management software, e.g. eyeUNIFY
- Redundant power supplies
- Windows- and Linux-based versions available
- Numerous new features, such as cross-fade, fade-in, overlays, alpha-blending and key colouring

) SYSTEM OVERVIEW





netPIX-motionST

HIGH-END GRAPHIC CONTROLLER FOR VISUAL DISPLAY SYSTEMS

) TECHNICAL SPECIFICATIONS

netPIX-motion CONTROLLER UNIT	netPIX-motionST-Controller-Unit-G1.0
Processor:	Intel® Xeon® Prozessor E5-1603 v4 (4 Cores, 2.80GHz, 10MB Cache)
RAM:	16GB, optionally up to 64GB
Expansion Slots:	7× PCIe 3.0 (Quad x16 or Single x16 + Seven x8)
Hard Drives:	RAID1 240GB SSD, optionally up to 960GB SSD or 1TB HDD
Network:	2× 10/100/1000 Mbps RJ45 Ports Onboard
Dimensions (W×H×D):	431 × 177 × 568 mm (16.9" × 6.9" × 22.4")
Weight:	23.6 kg (52 lbs)
Operating Conditions:	Temperature: 0°C - 40°C (32°F - 104°F) / Humidity: 10 - 90% not condensing / Altitude: up to 3,048 m (10.000 ft)
Power Supplies:	100-240 V, 50-60Hz, redundant, HotSwap 860 Watt
Operating Systems:	Windows 7 Ultimate 64bit, Windows 10 64Bit, Windows Server 2012R2 Standard 64Bit
Accessory (optional):	104-key keyboard, 2-key-wheel/button-mouse, optionally with extension cable up to 50m, signal cables for eyevis Cubes/Displays (fibre optics) up to 100m

netPIX-motion OUTPUT CARD	netPIX-motionOUT-6-mDP-CS-1
Graphic Memory::	4 GB DDR5
Outputs:	6× Mini DisplayPort 1.2 (screw locking)
Resolutions:	3× 4,096 × 2,160 @ 60Hz (DisplayPort) 6× 4,096 × 2,160 @ 30Hz (DisplayPort) 6× 3,840 × 2,160 @ 30Hz (HDMI) 6× 1,920 × 1,200 @ 60Hz (HDMI / Single-Link DVI) 6× 2,560 × 1,600 @ 60Hz (Dual-Link DVI)
Colour Depth:	24/32-Bit (8/10bpp)
Supported Graphic Standards:	- DirectX® 12 - OpenGL® 4.4 - OpenCL™ 1.2
Accessory (optional):	Mini DisplayPort to DisplayPort Adapter (motionCABLE-mDP-DP-1) Mini DisplayPort to HDMI Adapter (motionCABLE-mDP-H-1) Mini DisplayPort to DVI Adapter (motionCABLE-mDP-DVI-1)

netPIX-motion INPUT CARD	netPIX-motionIN-4-HDMI-16-IPD-IX-1
Inputs:	- 4× Mini HDMI (Type C) - 1× RJ45 Ethernet
Resolution:	- Maximum input resolution up to 4,096 × 2,160 per channel - Simultaneous processing of up to: → 4× 4,096 × 2,160@30Hz → 16× 1,920 × 1,080@30Hz
Pixel Format:	RGB: 8:8:8, 10:10:10 (24/32 bits per pixel), YUV: 4:4:4, 4:2:2, 4:2:0 (8/10 bits per component),
Streaming Protocols:	RTP, RTSP, RTMP, MPEG2-TS
Video Codec:	H.264/MPEG-4