



## eyeGATE-130-HDMI

UNIVERSAL DVI/HDMI ENCODER  
FOR STANDARD IP NETWORKS



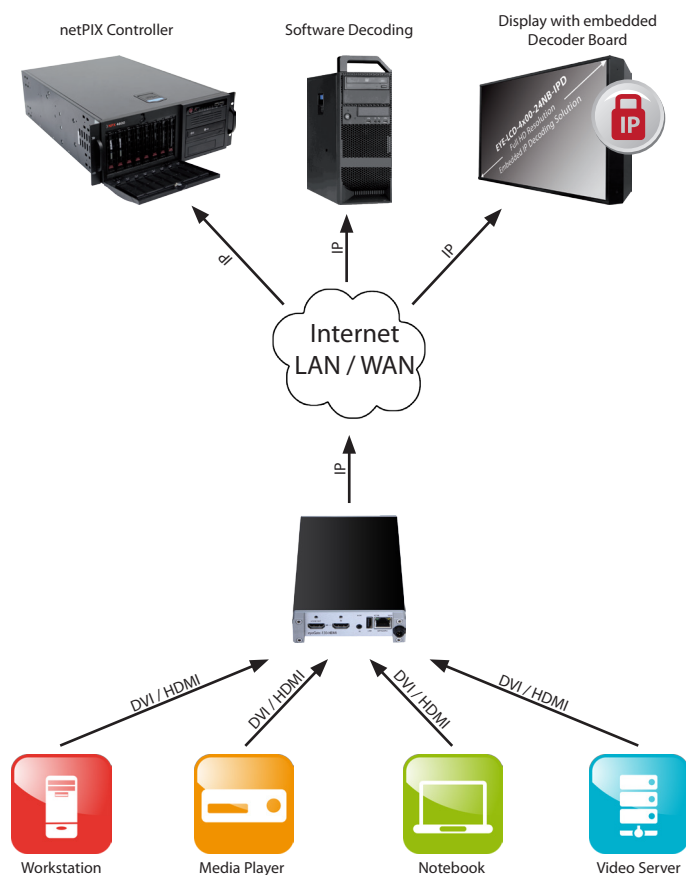
### ) DESCRIPTION

The eyeGATE-130 is an input gate to capture DVI & HDMI signals and distribute them to standard networks. The eyeGATE encodes the signal to high quality H.264 codec and delivers the stream to any device which can decode the signal again. This can be an eyevis NPX-4800 controller or a display with embedded IP decoding solutions, as well as any eyeCON Client Software on any operator PC in the network.

### ) KEY FEATURES

- Designed for 24/7 operation
- Robust hardware solution
- Real-time encoding of DVI/HDMI
- Sampling with high profile H.264 codec
- Resolutions up to 1920x1200 pixels @ 60Hz
- Audio support
- Downscaling
- Low power consumption

### ) EXAMPLE



### ) TECHNICAL SPECIFICATION

#### ENCODER INPUT

Signal Type:	1x HDMI Input / 1x HDMI Output Loop through (DVI / Display Port with optional adapter)
Resolutions:	Supports VESA resolutions up to 1920x1200 pixels
Signal Detection:	Auto-detection
Audio Inputs:	1x Stereo, unbalanced, AC-coupled, Mini-Jack 3.5 HDMI embedded Audio

#### NETWORK

Ethernet Port:	1x 10/100Mbit TX Ethernet Port half/full duplex AutoDetect
Protocol:	UDP/RTP/TCP streaming, IGMP, Unicast/Multicast
Management:	Built-in web-server / eyeCON V5

#### PROCESSING

Colour Format:	4:2:0
Compression:	H.264 MPEG-4 AVC Part 10; baseline, main, high profiles
Bitrate:	up to 14Mbit (selectable)
Frame Rate:	up to 60fps, adjustable frame rate divider
Scaling:	down-scaling from 720p and 1080i to 720, D1 or CIF

#### GENERAL

Power:	External power supply 100VA to 240VA, 50 - 60Hz, 8W
Operating Conditions:	0°C to 50°C temperature environment, 20% - 90% non-condensing
Weight:	690g
Dimensions:	105mm(W) x 28mm(H) x 192mm(D)