) **EWS**-400

) OVERVIEW

The **EWS-400 eyevis Workstation** is ideal to drive personal walls or medium size video walls. Equipped with the latest Hardware architecture based on Intel Quad Core CPU´s and the latest graphic boards it is possible to drive up to four HD-displays. The integrated Hardware Decoder solution is the benefit of the EWS-400 system. The EWS-400 supports simultaneous decoding of multiple IP video streams at multiple resolutions from a wide variety of cameras and codec's. Through the internally hardware decoding architecture there is no offload for the Host system. The normal CPU is free for use for other applications.

High-End Performance – The EWS-400 is based on the latest available Workstation technologies with Intel QUAD Core CPU´s. The Windows based systems enables to work with standard security or Scada Applications on up to four Displays up to in HD resolution.
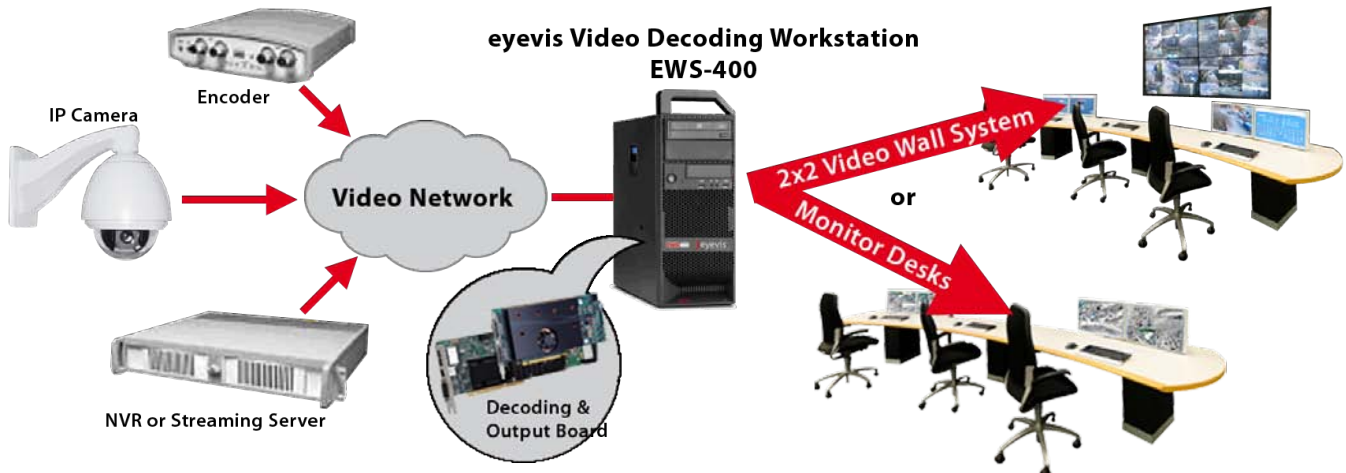
Dedicated Hardware Decoding – Completely offloads the system CPU from the burden of decoding multiple streams from IP cameras at the same time. Hardware decoding solves the workstation decoding bottleneck this leaving more resources free for other jobs. This allows also running more sophisticated applications while meeting demand for more camera streams, higher frame-rate and more complex codecs (H.264).

Flexibility – Up to 16x D1 or 64x CIF streams at Full Frame Rate can be displayed simultaneously on the EWS-400. Streams are displayed in their captured resolution across multiple monitors without compromising the quality of the imagery or dropping any frames.

) APPLICATION POSSIBILITIES

) Airports
) Casinos
) City Monitoring
) Gouvernmental Administration
) Military Applications

) Perimeter Surveillance
) Plant Surveillance
) Universities
) Shopping Malls
) Stadiums / Arenas

) EXAMPLE SYSTEM CONFIGURATION

) TECHNICAL SPECIFICATIONS

	EWS-400E	EWS-400T
Processor:	Supports up to two Intel® 64-bit XEON® processors Quad-Core Intel® Xeon® processor E5420 with 2.5 GHz (optional up to 8 cores)	Supports up to Quad-Core Intel® Xeon® processors
Chipset:	Intel® 5000P (Blackford) chipset	Intel® 5400A Chipset
RAM:	2GB EEC RAM (Expandable up to 32GB)	
Hard disc:	SATA 3.0Gbps 500GB, SATA 7.000 rpm	
Disc storage:	DVD Recorder with Image and Recovery Software	
Ethernet:	2 x Standard integrated 10/100/1000 Mbps RJ45 ports	
Power supply:	100-240 V, 50-60Hz, 650 Watt, Optional: Redundant, HotSwap 760Watt	100-240 V, 50-60Hz, 1000W Watt,
Accessories:	104-key keyboard; mouse with 2-buttons + wheel/button. Optional: extension up to 50m; DVI cables for eyevis Cubes (Fibre optic) for distances up to 100m	
Dimensions (HxWxD):	17.7 cm x 42.35 cm x 67.0 cm	~ 43.4cm x 21.0cm x60.2cm
Weight:	26.5 kg	~24,9 kg
Operating conditions:	Temperature: 0°C – 40°C (32°F – 104°F) Humidity: 10 – 90% non-condensing Altitude: Up to 3,048.0m (10,000 feet)	
Operating System:	Windows® XP PRO 32/64Bit Edition, Win2003 Server 32/64Bit	

Display Characteristics

Wall Configuration:	Any rectangular array up to 4 display modules
Resolution:	Up to1920x1200, 2048x1080 and HDTV 1080p per output
Colour depth:	16/32 Bit
Output signal:	DVI-I connector (both analog and digital, DVI-I to HD15 adapters included)

Decoder Board

Streaming Resolution	4xMegapixel / 16x D1 / 64x CIF Simultaneously
Supported Codecs	MJPEG, MPEG-1/2/4, H.264, WMA
Supported Streams	acTi ATEME AXIS BOSCH Canon Comerson Dallmeier DLINK IndigoVision Lanacess Mavix Mobotix Optelecom / NKF Siemens CX Sony Synectics Teracue Truen Vbrick VB6000 Vivotek Windows MMS
Supported IP Camera Management Software	Milestone SeeTec (planned Q1/2010)