)eyevis
PERFECT VISUAL SOLUTIONS

ECS-510

eyeCON® CONTROL SERVER

) PRODUCT DESCRIPTION

The eyeCON software is a client-server solution and is based on a mySQL database. When large video walls are used the database is usually located on the ECS for better performance and security.

All relevant information for the wall management can be stored and called-up again centrally at the ECS, which allows control of your large screen system from any workstation within the network. All systems and clients have access to the database on the ECS, which prevents faulty operation and long reconstruction processes.

The database is located on the eyeCON Control Server (ECS) which functions as the central device for the configuration and administrative control of the complete system.

For example a netPIX controller or an eyevis EPU-Wall solution can be used to visualize any data on the connected displays. It is controlled by the ECS and enables the display of any signal sources on the large screen wall. The system has been especially developed for the operation with eyevis rear-projection cubes, but it can also be used with LCD displays, LED screens, single projections or other visualization devices.
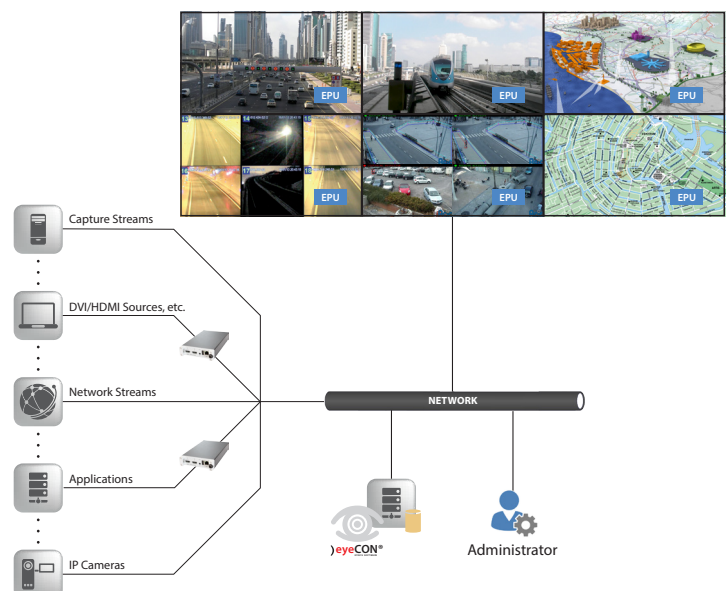
) ADVANTAGES OF EYEVIS ECS-510 SOLUTION

▪ The eyevis ECS is especially tested and certified for usage in combination with eyeCON wall management software.

▪ For smaller standard scenarios the database can be installed directly on the netPIX controller, but if the eyeCON software has to manage clients, capture sources, alarm features etc., we recommend to use a separate server to have enough performance available for applications and external sources on the netPIX.

▪ The ECS-510 is the cost-efficient "younger brother" of the of the high-end version ECS-810. Both share best performance and reliability through the use of proven Intel-based technologies.

▪ The ECS has the same 24/7 characteristics as the netPIX, so that they complement to each other through the use of high quality server components.

▪ Flexible and easy access to the server is another concern in a space-constrained environment. The compact design of the ECS-510 enables its operation even in narrow server rooms. Redundant components can be easily exchanged, for example the SSDs.

▪ Higher security of the complete system. All data are on a server system which can be easily implemented in existing backup strategies.

) CAPABILITIES / ILLUSTRATION

The eyevis ECS can be used not only as a database server for the netPIX, there are additional scenarios possible:

▪ Database server for the netPIX family

▪ Database server for the epuWALL

▪ Backup server for the netPIX family (all systems need Paragon installed)

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) TECHNICAL SPECIFICATIONS

HARDWARE

Chassis:	19", 1HE, Rackmount incl. Rackrails
Processor:	1× Intel Celeron J1900, up to 2.42 GHz, 2MB Cache
Chipset:	Intel Silvermont Micro-Architecture
RAM:	8 GB DDR3L PC 1600 (2× 4 GB Modules)
Hard Disk:	2× 2,5" SSD 128 GB, SATA 6 GB/s, RAID 1
Hard Disk Bay:	2× Hot Swap Carrier, SATA
Graphic Card:	Intel HD Graphics on board

SOFTWARE

Operating System:	Windows 7 Ultimate 64bit
Backup System:	Paragon Backup & Recovery

CONNECTORS

Ethernet:	2× Intel i210AT Dual Port GbE LAN

MECHANICAL

Dimensions:	4.4 cm × 44.5 cm × 22.4 cm Height × Width × Depth) (1.57" × 17.32" × 8.66")
Weight:	ca. 5kg

OPERATING CONDITIONS

Power Supply:	1× 250 Watt (80-PLUS Bronze)
Altitude:	Bis zu 3.048,0 m (10,000 Fuß)
Operating Temperature:	0 °C – 40 °C (32 °F – 104 °F)
Humidity:	20 – 80% (non-condensing)

ACCESSORY

Optional Accessories:	- 104-key keyboard USB; 2-buttons + wheel/button mouse USB - Extension up to 50m