



ECS-810

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.

The netPIX controller enables the visualization of any data on the connected projection modules. 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.

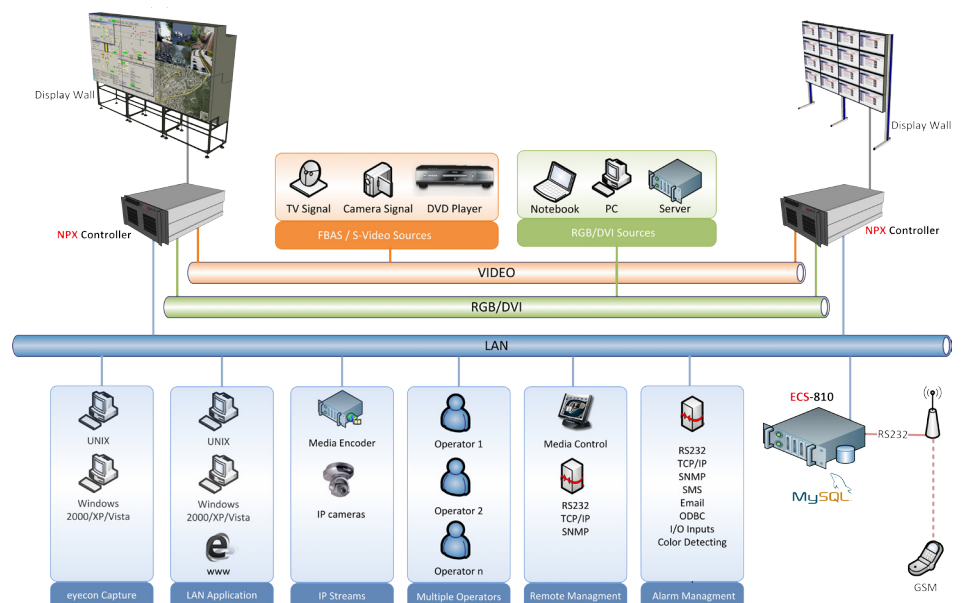
) ADVANTAGES OF EYEVIS ECS-810 SOLUTION

- 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.
- In need of performance, reliability and easiness of integration, the ECS is specifically designed for and validated with the Intel® Server Board through rigorous testing in concentrated computing environments.
- 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 ECS addresses this concern through management technologies such as the validation with Intel® Server Manager. The ECS also simplifies maintenance with the help of tool-less assembly and replacement parts including fans, hard-drive backplane, risers and power supplies.
- Higher security of the complete system. All data are on a redundant server system which could 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 MetaWALL
- Backup server for the netPIX family (all systems need Paragon installed)
- Central server for big installations offering Active Directory, DHCP etc.





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) TECHNICAL SPECIFICATIONS

HARDWARE

Chassis:	19", 2U, Rackmount incl. Rackrails
Fan:	3x Intel 92mm, non-redundant, not hot plug
Processor:	2x Intel Xeon E5-2603V2, 1.8 GHz, 4 Cores, 10MB Cache
Chipset:	Intel C602
RAM:	16 GB DDR3 PC 1600 ECC Reg. (4x 4 GB Modules)
Hard Disk:	3x 3,5" WD Re4 500GB, 64MB Cache, 7200 rpm, SATA 3 GB/s, RAID 5
Hard Disk Bay:	Intel 8x Hot Swap Carrier, SAS/SATA
Disc Storage:	1x TEAC 8x DVD+/-RW, Slimline, SATA
Graphic Card:	Intel Server Engines Pilot III, 16 MB, on board

SOFTWARE

Operating System:	Windows Server 2008/R2 64bit
Backup System:	Paragon Backup & Recovery

CONNECTORS

Ethernet:	4x Intel 10/100/1000 Mbit, on board
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MECHANICAL

Dimensions:	8.89 cm x 43.69 cm x 62.87 cm (Height x Width x Depth) (3.5" x 17.2" x 24.75")
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OPERATING CONDITIONS

Power Supply:	2x 750 Watt hot plug
Altitude:	Up to 3,048.0 m (10,000 feet)
Operating Temperature:	0 °C – 40 °C (32 °F – 104 °F)
Humidity:	10 – 90% (non-condensing)

ACCESSORY

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