

DXN-2500 Projector Wall Controller

Controlling wall of multiple beam projectors with real time input overlays and soft edge blending
DXWall® system for Windows XP, Vista or Windows 7 platforms and networks



The Multi-screen Controller

DEXON® Systems is developer and manufacturer of DXN-2500 projector wall controllers with soft edge blending capability. The Microsoft platform based systems provide complete solution for all multi screen graphics and real time video input visualization requirements of demanding show room or staging applications.

The DXN-2500 controller family applies advanced Express Crossbar technology for the full digital display of digital and analogue input information. DEXON's DXWall controllers offer coherent, multi screen graphics surface combined with multiformat input source overlay windows. The Express Multiformat inputs process and display DVI, RGB, YPbPr, S-video or composite video inputs in real time. Advanced wall management and easy-to-use remote control tools handle overlay windows that can be opened, moved and zoomed over the multi-screen wall area freely.

Soft Edge Blending

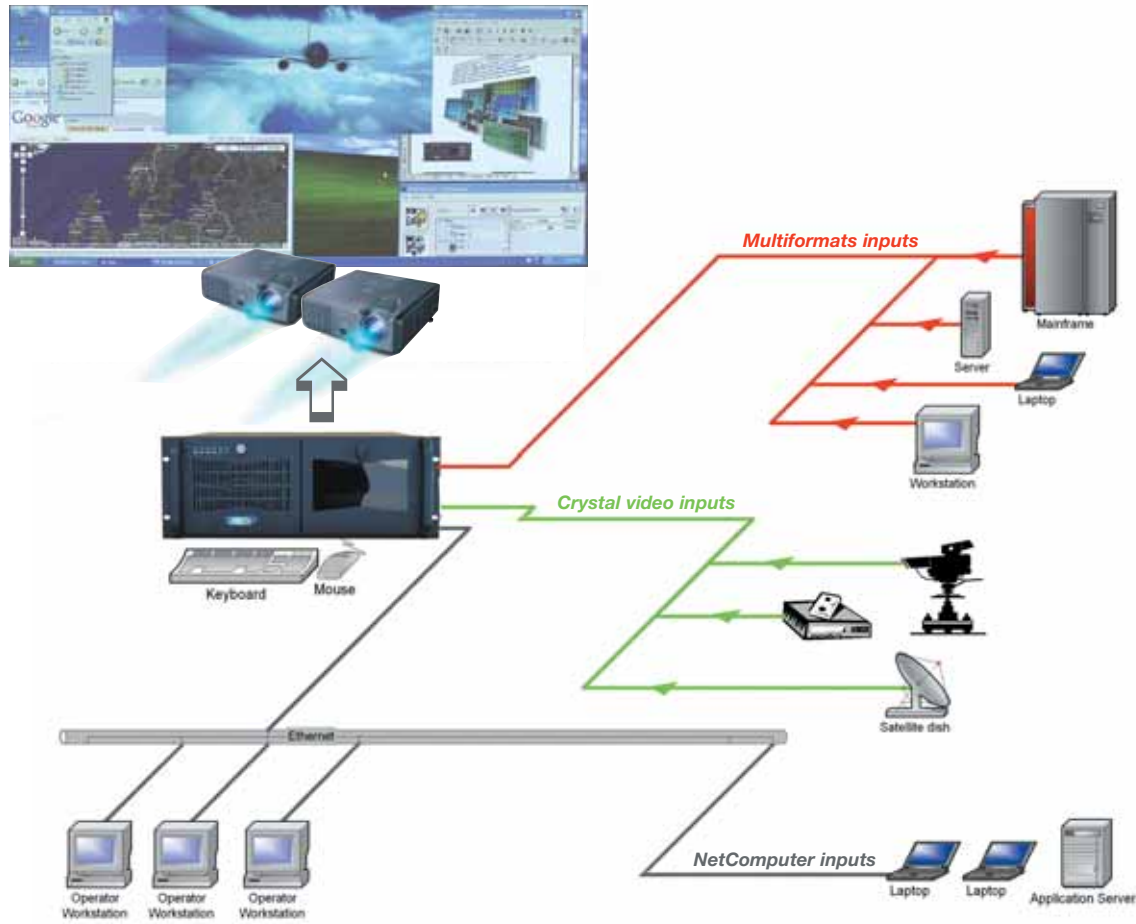
The DXN-2500 system ensures outstanding display quality over the image of multiple beam projectors. The soft edge blending capability guarantees wide and tall image while no gap can be seen between the individual screens. Sophisticated black level adjustment and easy-to-use gamma correction facilitate the setup of the projectors.

The DXN-2500 controllers provide perfect solution to meet various project requirements in the following applications:

- Conference rooms
- Meeting rooms
- University education halls
- Security supervision systems
- Staging and rental applications
- Show and demonstration rooms

DEXON Systems Ltd.

E-mail: sales@dexonsystems.com Web: <http://www.dexonsystems.com>
Phone: +36 23 422 804 Fax: +36 23 445 199 Address: Baross u. 165. H-2040 Budaörs, Hungary



Wall Management

The DXWall software system offers user-friendly packages to meet control room operation requirements. Advanced configuration service facilitates the installation and setup of graphics and video wall properties. DXWallControl system manages the wall and provides user interface for impressive video and DVI/RGB input visualization. Full interfacing of touch panel devices through RS-232C or LAN connections. Innovative features include alarm management, layout control and time-based scheduling. Sophisticated remote tools support network-based operators' interaction and the remote control of video display services. The DXWallControl system provides English, Spanish, Chinese, Japanese, Korean and Russian user interfaces for the wall control.

Controller Hardware

Designed for maximum flexibility, DEXON controllers offer customized solutions to meet specific project requirements.

Number of screens controlled

- from 1 to 45

Platform

- Windows XP, Vista, Windows 7

Control processor

- single or dual Intel Xeon

System memory

- 1 GBytes – 4 GBytes

Peripherals

- LAN, HDD, DVD-ROM
- keyboard, mouse, floppy

Casing

- 19" rack mount chassis

Redundancy

- dual processor
- dual LAN
- dual power supply

Graphics Specifications

The graphics controllers utilize up-to-date technology for high-performance and perfect quality visualization.

Graphics processor

- VLSI with 160 MB memory

Output resolution per channel

- 640x480 – 1920x1080

Number of colors

- 256, high color, full color

Output signals

- R, G, B analogue or DVI

Multiformat input

- DVI
- RGB
- Component video, YPbPr
- S-video
- Composite video

De-interlacing

- Full frame by hardware

RGB input resolution

- 640x480 – 1920x1080