

# DXN-3500 Projector Wall Controller



Controlling wall of multiple front 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-3500 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-3500 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 universal input source overlay windows. The Express Universal inputs process and display DVI, HDMI, RGB, YPbPr, HD-SDI, 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

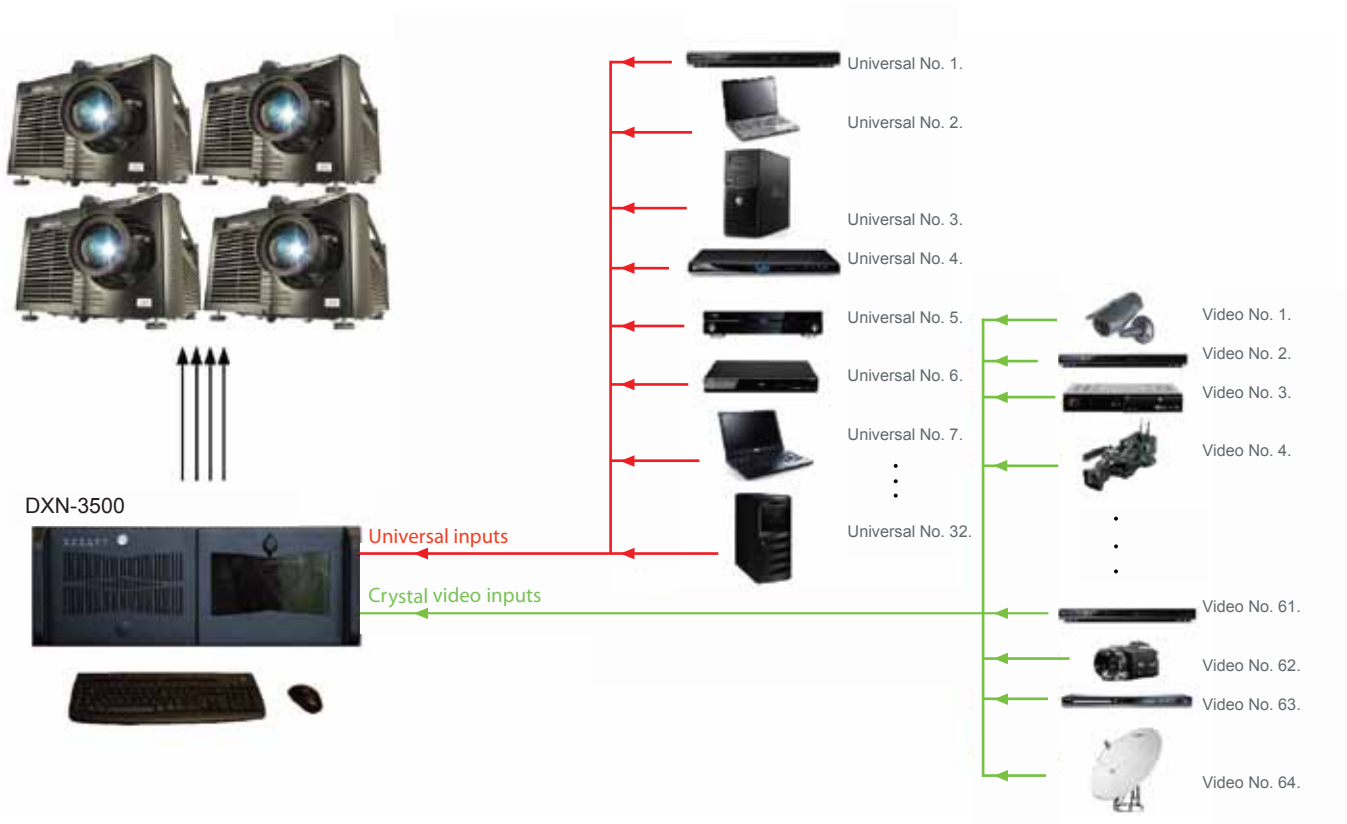
The DXN-3500 system ensures outstanding display quality over the image of multiple front projectors. The soft edge blending capability guarantees wide and tall image while no gap can be seen between the individual screens. Sophisticated black level adjustment and easy-to-use gamma correction facilitate the setup of the projectors.

The DXN-3500 controllers provide perfect solution to meet various project requirements in the following applications:

- Conference rooms
- Meeting rooms
- University campus and auditoriums
- Classrooms
- Control rooms
- Security supervision systems
- Staging and rental applications
- Show and demonstration rooms

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### DXWall Software System

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. The 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

- 4 GBytes - 32 GBytes

#### Peripherals

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

#### Casing

- 19" rack mount chassis

#### Redundancy

- dual processor
- dual LAN
- dual power supply

### Graphics Specification

The video processors use up-to-date technology for high-performance and perfect quality visualization.

#### Graphics processor

- VLSI with 256 MB memory

#### Output resolution per channel

- 640x480 – 1920x1200

#### Number of colors

- 256, high color, full color

#### Output signals

- R, G, B analogue or DVI

#### Universal inputs

- Digital DVI, HDMI
- Analogue RGB, YPbPr
- HD-SDI, 3G-SDI
- S-video
- Composite video

#### De-interlacing

- Full frame by hardware

#### DVI/HDMI/RGB input resolution

- 640x480 – 1920x1200