



**Video Blade Design**

## Features:

- Built-in modularized high-capability MPU; Up to 32 matrixes integrate over Ethernet
- Compact design; High-capability of inputs and outputs
- Low power consumption; less than 120W for single bay full duty running
- High stability and reliability
- Hot swappable; Plug and play for video input/output card; High Stability
- Low channels crosstalk
- Modularized design; keyboard, distributor, alarm input and alarm output are independent modules cooperate over Ethernet
- Detect and assign IP to devices automatically; Real time non-delay remote control
- Independent internal video channel for system setting. Keyboard and PC settings are available
- 64 channels Chinese and English character overlay
- Power sync switching; Adjustable sync phase (multiple of 60 degree)
- Isolated video channels; high anti-interference capability
- Ethernet hierarchy; Flexible and intelligent system integration
- Single Matrix bay configuration: Max 272 channel inputs; Max 64 channel outputs; Max input configuration: 272 X 16; Max output configuration: 224 X 64
- Four Matrix bay configuration: Max 1024 channel inputs; up to 64 channel outputs; Max input configuration & Max output configuration: 1024 X 64
- Max 4096 video input through Ethernet.

**Specifications:**

Output Impedance	75 (BNC ohm)
Insert Gain	0.5dB
S/N Ratio Weighted	52dB
Adjacent Channel Isolation Degree Weighted	60dB
Adjacent Channel Crosstalk Weighted	50dB
Frequency Characteristics	50Hz 8MHz
DC Level Video Signal	About 0.4 0.6V
KB/Receiver Controlling Time	20ms (Typical)
Switch	Complete switching of cross-point matrix
Switching Speed	20ms (NTSC)
Video Input	BNC 16 1024 Video Inputs
Video Output	BNC 16 64 Video Outputs
RS232 Port	One RS232 Local PC Port
Baud Rate bps	9600/19200/38400
Ethernet Port	10M
OSD Display	Date/Time, Monitor Title, Camera No. and Title
Character	Common English Characters
Synchronous Phase	Power Sync, Adjustable Sync Phase (multiple of 60 degree)
Data Storage	Various settings and configuration data can last at least 5 years when power-off
Dimension	312mm x 483mm x 420mm
Power Supply	220VAC/50Hz or 110VAC/60Hz
Weight	33 Lbs

**Connection Diagram:**

