

VIPER Video Surveillance Modular Video Data Cards VP-6000

DESCRIPTION



The VIPER Video Surveillance Cards fit into the VIPER VP-50xx Chassis and allows video to be sent up to 4600 feet (1400 meters) over a single UTP cable segment. Each Module has been designed to support up to 4 cameras and pass 1.5 amps of 28 volt power to each one. The pan, tilt, zoom function is attained by using the VP-6001 Pan, Tilt, Zoom card in the 10 Slot Chassis.

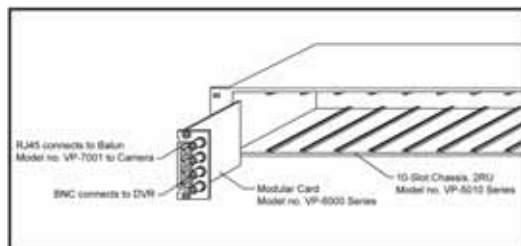
Active Frequency Compensation tracks the Automatic Gain Control and self adjusts for the best performance. Protection from power, static or electrical interference is built in the VP-6002 Gain Control card.

A passive non-powered system can be achieved by using the VP-6011 Passive card and the non-powered VP-5010 NP Chassis.

Expansion and modifications are easily accomplished and allows the user a custom video surveillance system with no interruption in service. All modifications and expansions can be done while the system is fully functioning. Camera additions are easy and logical.

In situations where there is excessive current draw on any single camera port, the camera port shuts down, waits and then retries. The other cameras remain fully operational. User replaceable fuses maximize uptime.

The VIPER Installation System has been designed from the ground up to take advantage of UTP Structured Cable architecture. By taking advantage of current standards based methods, a simple and cost effective Video Surveillance installation is assured.



FEATURES AND BENEFITS

- Flexible system with combination of video, power and control over a single Cat5 or better UTP Cable in a Structured Cabling system
- Video up to 4,600ft (1400 m) over a single Cat5 or better UTP cable
- Self adjusts for best picture in color or monochrome formats
- Selection of hot swappable cards; plus PTZ (Pan, Tilt, Zoom) Control card is available.
- PoE Card allows integration of IP Cameras.
- Flexible – buy what you need now and expand later as needed
- Fits in standard EIA 19" rack with 1U and 2U Chassis Sizes
- CE, FCC certified, and RoHS compliant

Applications - Video Surveillance Systems for:

- State & Federal Buildings,
- Transportation Systems,
- Retail, Schools,
- Military bases,
- Highways,
- Parking Lots,
- City Streets,
- Shopping centers &
- Sports arenas

Specifications

Bandwidth	Flat to 60MHz
Size	1 module slot in chassis
Capacity	4 cameras per card
Power Requirements	Powered by chassis
Input	Balanced low voltage current loops
Output	1Vpp composite video for color or monochrome
Common Mode Rejection	60dB to 10KHz and 50dB to 10MHz typical
Video Formats	RS170, NTSC, PAL, SECAM, CCIR (color or monochrome)
Dimensions (HLW)	3.50in x 1.70in x 7.00in
Net Weight	8 oz.

Product Ordering Information

VP-6001	Pan, Tilt, Zoom (PTZ) Control Card
VP-6002	Automatic Gain Control Card – up to 900 m/ 2900 ft
VP-6004	Long Haul Card – up to 1400 m/ 4600 ft
VP-6005	Short Haul Card – up to 275 m/ 900 ft
VP-6006	Short Haul Card W/GLC – up to 275m/ 900 ft
VP-6007	Central Card – (8) RJ45– up to 250 m/ 800 ft
VP-6008	Central Card w/AGC – up to 700 m/ 2300 ft
VP-6009	Central Card w/Ground Loop Control, Active Balun– up to 250 m/ 800 ft
VP-6010	Additional Power Card– up to 300 m/ 1000 ft
VP-6011	Passive Card, Balun only – up to 250 m/ 800 ft
VP-6012	PoE Card, IEEE 802.3af compliant– up to 100 m/ 330 ft