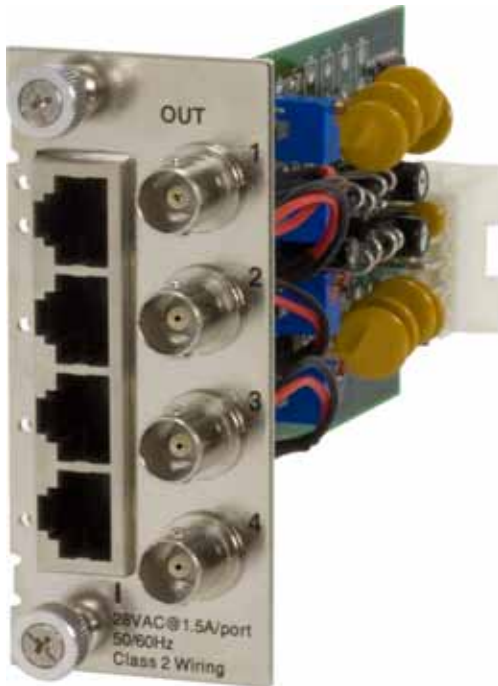


VIPER Video Surveillance AGC Card VP-6002



DESCRIPTION

The VIPER Automatic Gain Control (AGC) Card is available in a four port modular design. The AGC Card is used in combination with VIPER Chassis at the headend/security central. The Card utilizes a plug-and-play feature that allows the system to be custom configured for each application and provides easy expandability. Each card is hot swappable allowing the customer's mission critical video surveillance system to remain in service while routine maintenance is performed.

Each VIPER AGC Card powers 4 cameras. The VIPER AGC Card provides 1.5 Amps at 28 VAC to each camera. In the event of excessive current draw on any camera port that camera port shuts down, waits, and then re-tries.

The Card was designed for operation with UTP cable. Its unique design allows it to interface with existing video, voice or data networks without interference by using a highly balanced transmitter output design. Each Card is integrated with advanced receiver electronics that provide enhanced immunity to ground loops, hum and noise to produce maximum video quality with minimum loss. It utilizes auto-equalizing Automatic Gain Control for extended video distances to 450 meters. An on board jumper extends video distances up to 2900 feet or 900 meters over backbone cabling and VIPER cable. Active Frequency Compensation tracks the Automatic Gain Control in these modules eliminating the need for any switch settings. This unique feature provides for optimum performance over the entire operating range.

In design, it matches the appearance of the VIPER passive card, 4-port RJ-45 to BNC module, except that equalization, amplification and protection circuitry has been added. Finally, VIPER BNC patch cords are used to transport the video signals from the video module on to traditional security monitoring and recording equipment.

FEATURES AND BENEFITS

- Active electronics compensate for frequency and level loss
- Active electronics reject Common Mode hum and noise to beyond 10 MHz
- Built-in protection from power surge, transients, static or other electrical interference
- Transmit high resolution color or monochrome video up to 2,900 feet or 900 meters.



FEATURES AND BENEFITS CONTINUED

- 70db rejection of ground loop, to other video signals, and to AC. Can be run in a common raceway, where code allows
- Control and Power LEDs
- RJ45s inputs and BNC outputs for easy connection
- Modular design in increments of four ports
- CE Certified

Specifications

| | |
|------------------------------|---|
| Size | 1 slot in VIPER Chassis |
| Capacity | 4 cameras per card |
| Power Requirements | Card powered by VIPER Chassis |
| Input | Balanced low voltage current loops |
| Output | 1 Vpp composite video of color or monochrome |
| Common Mode Rejection | 60dB to 10KHz and 50dB to 10MHz typical |
| Video Formats | RS170, NTSC, PAL, SECAM, CCIR (color or monochrome) |
| Max Distance | 900 M/ 2,900ft. |

Product Ordering Information

VP-6002 4-Port AGC Card RJ45 (In) to BNC (Out)

USER NOTE: THE VP-6002 CAN CONNECT TO ANY OTHER VIPER MODULE EXCEPT VP-6008