



## Description

This simple to install, wall-mounted locking cabinet contains a UTP video receiver and is integrated with a 28VAC eight channel power supply. The PV824 transmits video, power and data through the UTP cable. The cable terminates with a standard RJ45 networking connector. Video, camera power and data will be separated from the cable through a VB43ATF or VB31AT video balun.

The PV824 provides power and video detection LED's for easy troubleshooting. Camera ports are individually fused with a self-resetting fuse. The PV824 and the DVR are ready to communicate in a matter of minutes by simply connecting a standard coaxial cable between the BNC video output connectors of the PV824 and the DVR.

The system can also adapt to existing communication and computer network spare pairs or new cable installations. This unit provides superior immunity from noise and interference, even when run in common raceways with AC.

## Features

- Video, power and data over a single Category cable
- Self contained UTP video receiver and integrated 28VAC 8-channel power supply
- 8 UTP/RJ45 camera ports
- 8 BNC video outputs
- Individually fused power for each camera port
- Video and power detection LED indicators



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# TECHNICAL SPECIFICATION

## Specifications

|                    |                            |
|--------------------|----------------------------|
| Size               | 10.6" H x 10.6" W x 4.0" D |
| Camera Port        | RJ45 Connector             |
| Data Port          | RJ45 Connector             |
| Video Port         | RJ45 Connector             |
| Power Requirements | 115VAC, 50/60 Hz, 1 Amp    |
| Temperature Range  | -20°C to +65°C             |
| Humidity Range     | 0 to 98% non-condensing    |
| Shipping Weight    | 14 lbs                     |

## Wire and Cable Recommendations

We recommend using unshielded twisted pair wiring. The systems will operate over wire 26 to 18 AWG but are optimized for 24 AWG. Category cables may be used. Individually shielded pairs should be avoided, as they drastically reduce the operating range of the systems. Multi-pair cable with an overall shield is acceptable. Video can be operated in the same communication cable coexistent with telephone, computer, control signals, power voltages and other video signals. While video may be routed through telephone punch down block terminals, any bridge-taps, also called T-taps and any resistive, capacitive or inductive devices **MUST BE** removed from the pair.

