

# Palladium™ ArmorNet-4™ MultiPIX Video Receiver

**Pd-MLPX-4-XX-YY**

## Digital Quad Video Signal Receiver

The ArmorNet-4 system provides the ability to simultaneously receive, display, and control up to four digital camera transmissions. Electronics are packaged in one rugged briefcase. It is ideal for use in surveillance, force protection, EMA (Emergency Management Services) and UAV/UGV applications where multiple cameras are used.

The ArmorNet-4 MultiPIX incorporates four independent Palladium diversity receivers. Each receiver may be individually configured for frequency and channel spacing, with virtually no guard band required for each channel. A combination of video receivers can be installed to cover L, S, and S2 bands. Two lid mounted antennas use an antenna distribution amplifier to feed each input to the receivers. The system also supports external antennas by simply disconnecting the lid antennas and connecting external antennas using the panel mount TNC connectors.

A 12" color monitor is standard. External video outputs mounted on the rear of the case enable viewing from a larger monitor if required. A built-in quad splitter enables the simultaneous viewing of all four, two or a single image.

The ArmorNet-4 MultiPIX relies on external power, so as not to burden the case with extra weight or heat generation. Power inputs are available for typical vehicular DC power inputs, battery sources from 12-24 VDC, or 90-240 VAC. Storage for vehicular and AC power cords is provided inside the unit in a convenient compartment.

## Features

- ▲ Supports 4 video signal digital operation
- ▲ Robust COFDM transmission and MPEG2 decoding
- ▲ 2.5 MHz channel spacing provides efficient spectrum utilization
- ▲ Digital diversity reception reduces multipath fading
- ▲ Built in quad video splitter
- ▲ 12" color LCD monitor
- ▲ 4 dBi antennas built into lid
- ▲ 128 bit AES encryption supported for secure communications
- ▲ Optional 256 bit encryption



ArmorNet-4 Command Center



Optional PTZ controller with monitor

- ▲ Multiple external video recorders supported
- ▲ External portable PTZ controller

## Models

- ▲ Pd-MLPX-4-XX-YY Complete ArmorNet-4 Includes:  
4ea Dome Cameras/TX Assemblies  
1ea MultiPIX-4 Diversity Video Receiver  
1ea External Portable PTZ control Unit
- ▲ Pd-MLPX-D-4-XX MultiPIX-4 Diversity Digital Receiver
- ▲ PTZ-MLPX PTZ Portable Controller with Monitor
- ▲ Pd-PP-D ArmorNet™ Dome Camera/TX Assembly

