

**Roadway Vision Systems IP Field Box Rack Mount with Embedded AXIS Server**

*The Remote Vision System IPR Field Box is an economical, robust CCTV field mounted accessory that provides an embedded AXIS server, an assortment of power, data, local camera setup and communications capability.*

*The embedded AXIS server eliminates the need for a separate stand-alone encoder.*

24 Village Pointe Drive  
Powell, OH 43065-7760

Phone: 614.791.8843

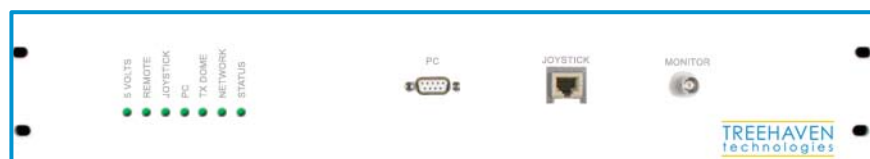
Fax: 614.789.0252

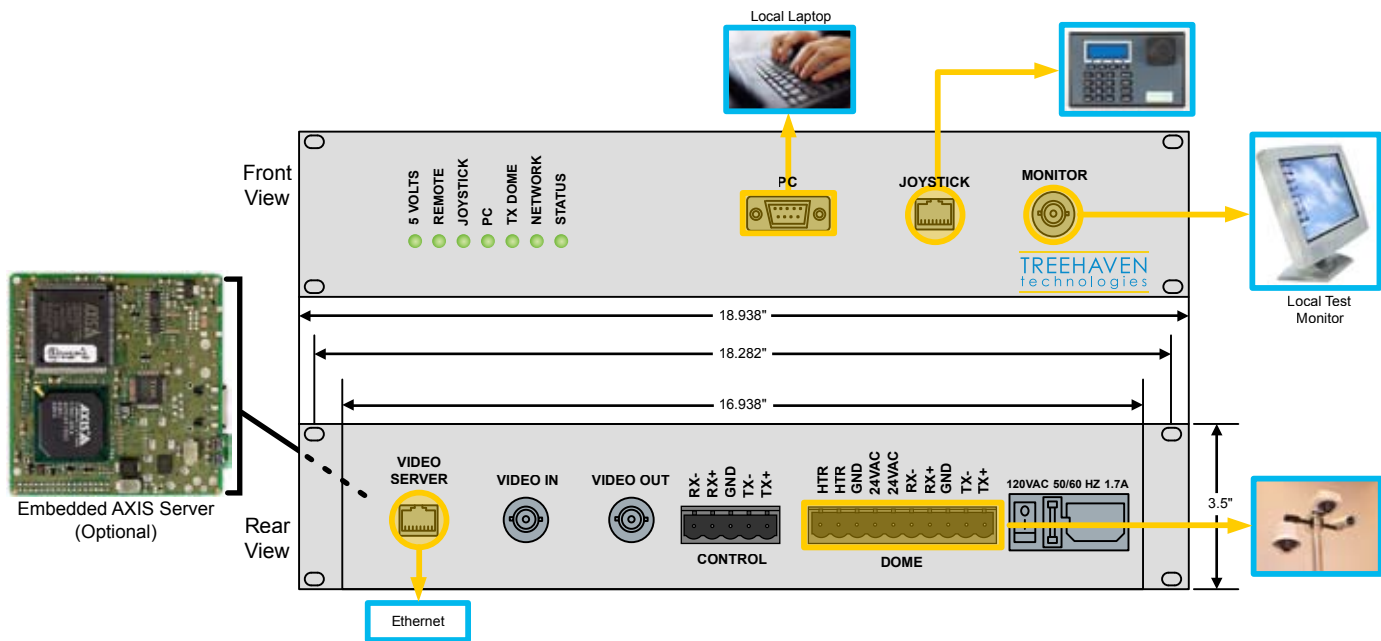
[www.treehavenvision.com](http://www.treehavenvision.com)



**Features:**

- Optional Embedded AXIS server.
- Remote Diagnostics.
- Text overlay to report system health status and other system parameters. Text overlay can be turned ON and OFF remotely using a predefined PreSet command.
- Heater current and power factor detection. Reports heater failure and displays status on video image.
- Video loss detection. Reports video loss and generates sync signal with "Loss of Video" message on blue screen.
- Loss of data detection. Reports loss of PTZ data and displays status on video image.
- Surge suppression on data, video and power connections.
- Plug in connection for local joystick controller.
- Plug in connection for laptop computer providing PTZ control and camera setup and configuration.
- Auto-sensing of joystick, serial and remote data connections.
- Video connection for local test monitor.





## Technical Specifications

### Front Panel Indicators:

5 VOLTS = Power Supply Status  
 REMOTE = PTZ Data Activity on Remote Port  
 JOYSTICK = PTZ Data Activity on Joystick Port  
 PC = PTZ Data Activity on PC Port  
 TX DOME = PTZ Data Activity to Camera  
 NETWORK = AXIS Video Server Network Activity  
 STATUS = AXIS Video Server Network Status

### Electrical:

AC Input Voltage: 120VAC 50/60 Hz, 1.7A  
 Dome Power Output: 24V, 50/60 Hz, 1.25 A  
 Heater Power Output: 24V, 50/60 Hz, 5A

### Mechanical:

Dimensions:  
 19" W x 3.5" H x 12" D

### Environmental:

Operating Temperature: -34 deg C to 60 deg C  
 Humidity: 5% to 95%, non-condensing

### Data:

Joystick: RS-422, Rx+, Rx-, Tx+, Tx-  
 Laptop: RS-232, Tx, Rx, Gnd  
 Remote Control: RS-422, Rx+, Rx-, Tx+, Tx-

### Video:

Video Input: BNC, 75 Ohms, NTSC, 1 Vpp  
 Video Output: BNC, 75 Ohms, NTSC, 1 Vpp  
 Monitor Output: BNC, 75 Ohms, NTSC, 1 Vpp

### Optional AXIS Video Server:

Video Compression: Motion JPEG  
 MPEG-4 Part 2 (ISO/IEC 14496-2), Profiles: ASP and SP  
 Resolutions: Resolutions 4CIF, 2CIFExp, 2CIF, CIF, QCIF  
 max 704x480 (NTSC) 768x576 (PAL)  
 min 160x120 (NTSC) 176x144 (PAL)  
 Frame Rate: Motion JPEG: Up to 30/25 fps at 4CIF  
 (MTSC/PAL) MPEG-4: Up to 30/25 fps at 2CIF  
 Up to 20/17 fps at 4CIF  
 Video Streaming: Simultaneous Motion JPEG and MPEG-4  
 Controllable frame rate and bandwidth  
 Constant and variable bit rate (MPEG-4)  
 Pan/Tilt/Zoom: A wide range of analog PTZ dome cameras are supported, free drivers available at [www.axis.com](http://www.axis.com)  
 20 presets, Guard tour, PTZ control queue  
 Image Settings: Compression levels: 11 (Motion JPEG) / 23 (MEG-4)  
 Rotation: 90°, 180°, 270°  
 Aspect ratio correction  
 Color: color, black & white  
 Overlay capabilities: time, date, text, image or privacy mask  
 De-interlace filter

## Treehaven Technologies, Inc

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 Powell, OH 43065-8510

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 FAX: 614.789.0252

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