

COHU

Cohu 9300

Local Control Unit for Cohu Camera Positioning Systems

Front panel switches for convenient on-site pan/tilt/zoom control functions

NTCIP protocol allows easy system integration with legacy cameras

Supports multiple communications protocols from most major CCTV manufacturers' control systems

Local RS-232 port allows additional camera control and programming beyond front panel capability

Supports both RS-232 and RS-422 system communications formats

Slim line 1.75" x 19" EIA rack mount chassis conserves space

Single AMP connector for camera field cable

Traffic Surveillance

Border Protection

Power Plants

Water Departments/Reservoirs

High Value Asset Monitoring

Process / Effluent Monitoring



Cohu's 9300 series *i-control* is designed to provide convenient on-site camera control of camera positioning systems.

i-control can also be ordered with NTCIP protocol, allowing the user to control legacy cameras via the new national traffic video system control standard. While designed specifically for Cohu "i-series" cameras, this product offers system protocol from most major CCTV camera manufacturers.

With hundreds of *i-controls* installed across the US, it has justifiably earned a reputation of reliability and service in the harsh operating environments associated with roadside installations.

The host system protocol always gets converted to Cohu protocol for communications between the unit and camera. The 9300 *i-control* panel is programmed with a site address for use by the host system. The camera address is irrelevant to the host system camera using a broadcast address. The camera address is irrelevant. Communications between the *i-control* and the camera is always 9600 baud Cohu protocol.

Local control functions are accomplished using front panel switches that include:

- pan and tilt
- lens zoom
- focus
- iris.

Focus and iris include an auto/manual toggle with LED indication of current state. Also included is a local/remote switch that transfers control from the central system to the *i-control* unit. This function has a built-in five minute timer that automatically transfers control back to the remote mode if left unintentionally in the local mode.

A front panel RS-232 port is provided to connect a laptop PC running Cohu's Win-MPC software for programming advanced camera site settings, and allows extended camera control functions.

Advanced Cohu camera site settings include camera address, alarm ID text, camera ID text, preset positions, color balance, video tour routines, wide dynamic range adjustment, integration, sector zones, shutter speed, day/night mode

Two rear panel DB9 connectors provide both RS-422 and RS-232 formats for control system data connections. As well, the *i-control* supports most major CCTV camera manufacturers' communication protocols, allowing Cohu positioning systems to be simply and invisibly integrated into legacy system environments.

9300 Series

COHU

Specifications

ELECTRICAL

Input Voltage:

89 VAC to 135 VAC, 60 Hz
NEMA TS-2 Std 2.1.2

Input Power

20 Watts, plus Camera Power

MECHANICAL

Size:

9.00" (W) x 1.75" (H) 8.00" (D)
229 mm (W) x 44.5mm (H) x 203mm (D)

Weight:

5 lbs (2.27 Kg)

Finish:

Black anodized front panel, white lettering

Mounting:

EIA standard 19" cabinet, 1 RU

FRONT PANEL CONTROLS

Pan

3 position momentary switch, pan right, stop, pan left

Tilt

3 position momentary switch, tilt down, stop, tilt up

Zoom

3 position momentary switch, tele, stop, wide

Focus Mode

2 position momentary switch, auto-manual with LED indication of manual mode

Focus Control

3 position momentary switch, near, stop, far

Iris Mode

2 position momentary switch, auto-manual with LED indication of manual mode

Iris Control

3 position momentary switch, open, stop, close

Local/Remote

2 position momentary toggle switch, local, remote with LED indicator of current mode, and 5 minute time out of local mode function. Timer resets on each command issued.

PC Control

One RS-232 Serial port (DB9M)

Video Output

BNC (male)

Power Indicator

Red LED Indicator

REAR PANEL CONNECTORS

Camera

Single 18 pin AMP for camera video, RS-422 data and camera power. Compatible with Cohu cable models CA295H, and CA297H.

Video Output

BNC male, for system connection

RS422/RS232 Data

RS422 DB9 for system connection
RS232 DB9 for system connection
Only one serial port can be used at a time

Power Input

Commercial 3-prong molded cord, 3' length

Power Switch

2 position (on, off) with front panel indication

COMMUNICATION

Protocols Standard

Cohu, Javelin, Vicon, Philips, Pelco D, American Dynamic, Ultrak, Ernitec, Kalatel, Fast Field Protocol, Pelco P

Optional

NTCIP 1205

ORDERING INFORMATION

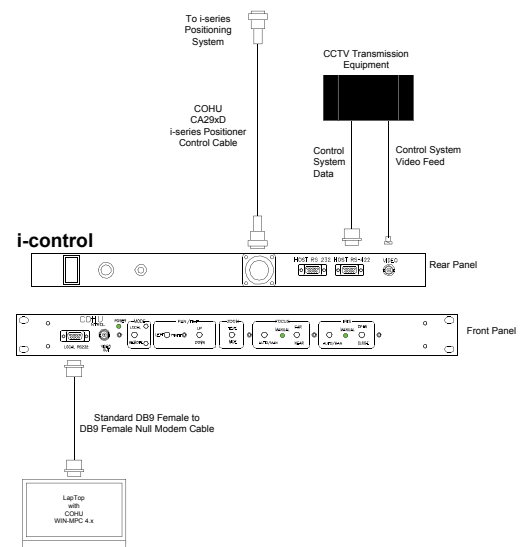
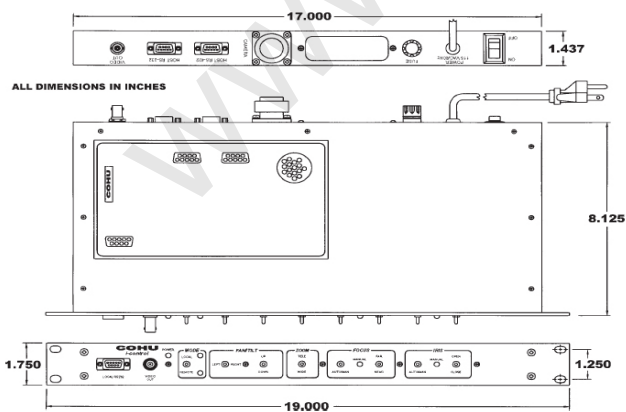
930x-0x00

POWER

5 - 89-135 VAC

PROTOCOL

- 1 - Cohu Standard Suite
- 2 - NTCIP 1205 Protocol
- 3 - Cohu Standard Suite with Remote Mode Bypass



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For design help, accessories or pricing, please contact:
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