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

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 WinMPC 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.

For design help, accessories or pricing, please contact: sales@avsupply or call: 1-858-565-1101

www.cohu-cameras.com
9300 Series
Specifications

ELECTRICAL
Input Voltage:
89 V AC to 135 V AC, 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) x 8.00" (D)
229 mm (W) x 44.5 mm (H) x 203 mm (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

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

COMMUNICATION Protocols
Standard
Cohu, Javelin, Vicom, Philips, Pelco D, American Dynamic, UltraK, Emitec, Kantel, Fast Field Protocol, Pelco P
Optional
NTCIP 1205

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