

9210 Series



Cohu CCTV Camera Controller

COHU

3-axis joystick for easy, intuitive control of Cohu i-Series positioners and camera systems

Compact, ergonomic design with attractive appearance

High-tactile command buttons for positive operator interface

RS-422 interface for industry-standard data communication

Bright graphic display eliminates need for backlighting in low light environments

Advanced Cohu camera control allows operators complete control of camera and positioner functions.



The Cohu i-commander^{II} (9210 Series) is an efficient and economical desktop CCTV joystick controller for Cohu i-Series cameras. It provides clean, intuitive set-up of the cameras, then places the CCTV system under full command of the operator.

Using a 3-axis, proportional deflection joystick, pan/tilt and zoom control are simultaneously accomplished using one hand. It features an simple ergonomic design that includes intuitive joystick control, high tactile command buttons, and a bright status display.

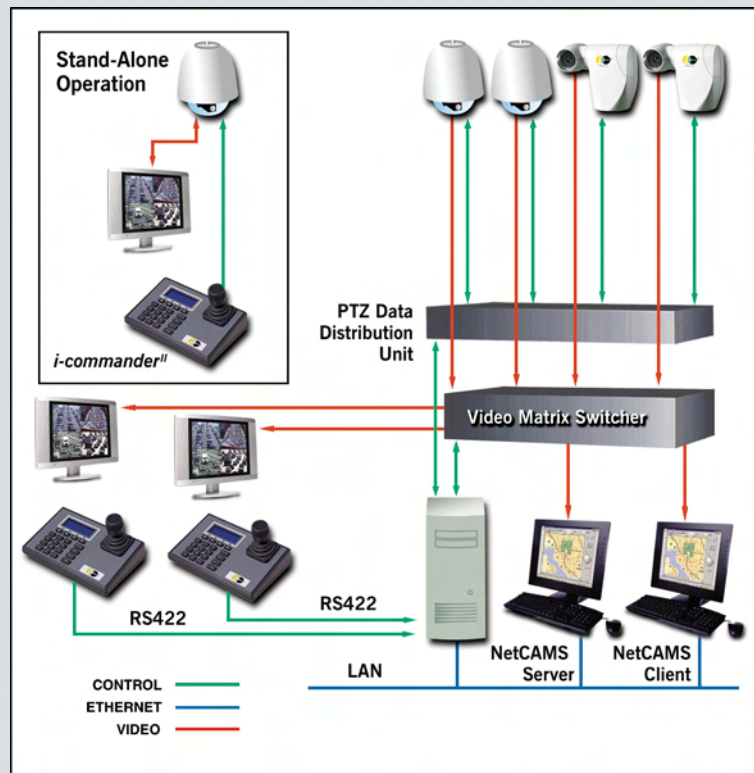
i-commander^{II} can be configured to operate in one of two modes to provide maximum application flexibility. First, i-commander^{II} can operate Cohu i-Series positioners and cameras directly. This allows for fast setup and operation of a straightforward Cohu CCTV system.

Alternately, i-commander^{II} can be used with Cohu's powerful NetCAMS CCTV control system. This provides for operation of a large or complicated CCTV system of multiple components.

The Cohu i-commander^{II} provides the camera operator with a full range of CCTV camera and positioner control:

- Pan/tilt
- Lens
- Presets
- Tours
- Camera ID and Menu settings
- Thermal Camera functions
- Optical Camera functions.

In addition to providing full camera control, i-commander^{II} allows for basic system control:
Program up to 63 preset camera and positioner settings.
Run up to 4 tours.
Control up to 255 cameras.
Select up to 99 monitors.



SPECIFICATIONS

ELECTRICAL

Input

5 VDC @ 610 mA (120 or 230 VAC to 5 VDC supply included)

Power Consumption

10 W

Comm Port Interface

RS-422, via RJ45

Cable Requirements

Two twisted pair, shielded, 22 AWG, Cat 5

MECHANICAL

Dimension

See illustration

Weight

1.5 lbs/680 g (2.5 lbs/1.5 Kg shipping)

Connectors

Data/Power: RJ45, F-pin, female RS-422 & power

ENVIRONMENTAL

Operating Temperature

32°F/122°F / 0-50°C

Humidity

to 95% relative non-condensing

Shock

No damage to 10g

APPROVAL

FCC Class A

CONTROLS AND INDICATORS

Joystick

Industrial grade, three (3) axis, variable speed vector solving, pan/tilt control with zoom control twist knob.

VFD display

Pushbutton keypad

Camera Control Menu Functions

Optical Camera

Focus: Auto/Manual

Iris: Auto/Manual

Day/Night Control: Auto/Color/Mono

Wide Dynamic Range: On/Off

Electronic Image Stabilization: 5 Hz/16 Hz/off

Integration: Off/1/2 sec./1/4 sec/ 1/8 sec.

Digital Zoom: 2x/5x/10x/Off

Video Freeze: Freeze/Off

Thermal Camera (Cohu camera models 596x)

Focus: Near/Far

Color Palette: Step through 7 palettes

Zoom: Off/2x

Video Freeze: Freeze/Off

Polarity: Normal/Invert

Overlay: date & time/full status/Off

System Control Buttons

Camera: Camera selection mode

Monitor: Monitor selection mode

Preset: Preset selection mode

Function: Scrolls through VFD menus

Keypad: 10 positions (0-9)

Enter: Enters current command

Clear: Clears current Command

Tour: 1/2/3/4, start/stop

PTZ Home: Returns to Preset 1

Video Input: Left camera, Right camera (5960 Series)

Presets: Program preset locations (63)

Camera ID: On/Off

Azimuth & Elevation Display: On/Off

Maintenance Display: On/Off

Protocol: Cohu Cameras/Cohu NetCAMS

Camera Menus: Display/Exit

ORDERING INFORMATION

921X-1000

Cohu CCTV Joystick Controller

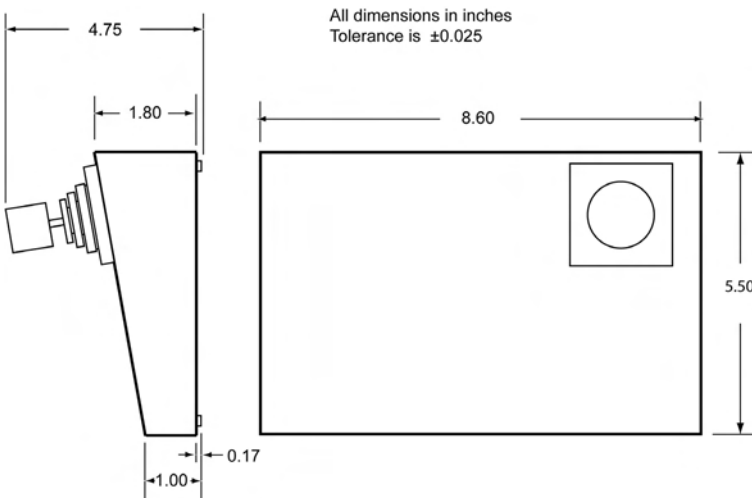
POWER

1 - 230 VAC/UK plug

2 - 230 VAC/UE plug

3 - 230 VAC/AU plug

5 - 120 VAC/NA plug



Specifications subject to change without notice.

COHU

Cohu, Inc. / Electronics Division

ISO 9001 Certified

Cohu, Inc./Electronics Division

