

# NetCAMS

(Network Camera Administration and Monitoring Software)

COHU

- Network ready CCTV control system for general surveillance
- Graphics Based User Interface with icons and maps for intuitive control and response
- Operates hardware from most major surveillance equipment manufacturers for easy integration
- Integrates with other systems easily
- Supports 1000 cameras
- Operates on industry standard Ethernet infrastructures to reduce hardware costs and increase flexibility
- TCP/IP and RS-232 Serial Comm Interface
- Client/Server Based operation
- Provides control of Cohu DSP camera functions
- 32 bit application operates on standard Windows NT 4.0 and 98 and higher



## A Network Based Camera Control System

NetCAMS makes it easier than ever to operate a CCTV control system using standard network infrastructures. And its PC-based architecture helps reduce system costs. NetCAMS is the evolution of Cohu's popular CAMS software that operates CCTV systems with hundreds of elements easily and quickly – all under the command of your mouse and keyboard. Even configure and control a Cohu digital signal processing (DSP) camera from within NetCAMS.

NetCAMS puts all the essential system elements right on the computer monitor. With a map of your system, or of a part of your system, call up live video from any camera, control camera functions (pan/tilt, zoom, focus, iris, power, color balance), and store and recall presets positions for fast system configuration. Any system hardware component (camera, recorder, etc.) with remote control ability can have an icon placed anywhere on the system map for fast and intuitive operation.

Everything in your CCTV system can respond at the touch of your mouse and keyboard.

NetCAMS is designed for the new generation of Ethernet networks, but can be easily and inexpensively integrated into existing systems. It operates on a Windows™ NT 4.0 and later and Windows 98 and later network with added server and client application components. It supports a data interface for integration to other systems. NetCAMS will integrate with manual controls such as joysticks, and a wide range of the most common surveillance hardware such as switchers, recorders, and positioners.

Download a demonstration copy of NetCAMS from the Tech Center at [www.cohu-cctv.com](http://www.cohu-cctv.com) or call for the name of a representative near you.

## OPERATION AND SPECIFICATIONS

### SYSTEM

Supports up to 20 NetCAMS client operator positions via Ethernet connection.

#### Controls:

- Analog video matrix up to 1000 inputs x 256 outputs
- up to 4 video quad units
- up to 4 video recorders
- up to 1000 camera positioning systems
- up to 1000 input points via data interface/integration with other systems

Allows multiple user configurations and site maps to be created, saved and loaded.

Provides a two level (Supervisor/Operator) password protection for user access to NetCAMS

Allows authorized user to connect/disconnect client/server connections

- Allows user customization of NetCAMS operating screen:
- Switcher control displayed or hidden until needed
  - Camera control displayed or hidden until needed
  - Preset control displayed or hidden until needed
  - Quad control displayed or hidden until needed
  - DVR/VCR control display or hidden until needed

### OPTIONAL HARDWARE SUPPORTED

Live video overlay board

Up to eight (8) RS232 intelligent serial ports

### CENTRAL PROCESSING UNIT (CPU) REQUIREMENTS

One (1) Pentium based CPU (700 MHz or greater)

64 MB RAM minimum (128 MB preferred)

Four (4) serial, one (1) parallel ports

Mouse

12G IDE hard drive or greater

3.5" 1.44 MB floppy drive

CD ROM

Network interface card

220 watt power supply, UL and CSA listed

Windows™ version 98, 2000, NT, or Me

VGA 800 x 600 color display

Keyboard- 101 enhanced

### SYSTEM INTEGRATION

Supports a data interface for integration of other systems

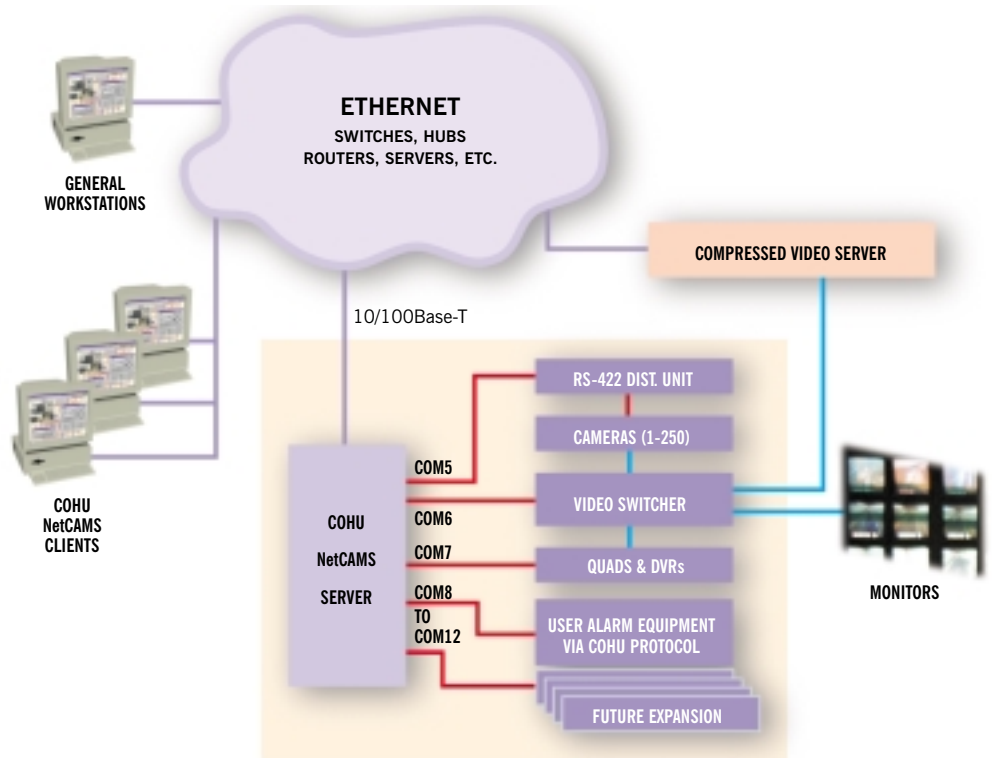
Allows up to 1000 input points to be defined

Allows a primary and backup monitor to be defined

Allows a selected system camera to be assigned to each input

Upon inputs being received from host system:

- First received Input shall switch selected system camera to the primary alarm monitor
- Simultaneous second input displays on backup monitor
- Additional inputs sequence on back up monitor



*Typical surveillance application utilizing efficient NetCAMS CCTV system management*

### CLIENT GRAPHICS CONTROL

Provides a Graphical User Interface to display maps of sites being monitored.

#### General Capacities:

- 256 icons per graphic
- Up to 10,000 graphics
- Up to 5 icon categories (camera, monitor, quad, DVR/VCR, map)

### VIDEO CONTROL

#### General Capabilities:

- Select any system video input to any system video output
- Program and run/stop video sequences on monitors
- Program camera dwell times from 1-60 seconds
- Modify video sequence list to include/omit any camera or cameras from sequence list
- Define order of video sequence list
- Program or enable/disable camera ID text
- Enable/disable of alarm ID text by alarm
- Select attribute of alarm ID text
- Display alarm ID position

### CAMERA CONTROL

Pan right/left and Tilt up/down positions

- vector solving control
- proportional variable speed control

Zoom In/Out Positions, speed

Focus auto/manual, near/far

Iris Setting auto/manual, open/close

Power

Digital Signal Processing Control

White Balance, Shutter/Integration, Backlight Compensation, Digital Zoom, Camera Site Status

### ORDERING INFORMATION

**NetCAMS - X X**

**Network based Camera Administration and Monitoring System**

#### APPLICATION

**S** - Server software

**C** - Client software

#### CONFIGURATION

**0** - Software only

**1** - Software, client PC (contact factory for hardware description), video display board

**2** - Software, server PC (contact factory for hardware description), multiport comm board

Licensed for one client operator control position. Includes drives for common system components from major manufacturers. Programming for drives not supported by NetCAMS quoted separately. Inquire for additional client licenses.



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