

Calibur SVMe-8 *Eight-Channel Streaming Video Module*

Monitor Up to Eight Cameras Over the Ethernet



The SVMe-8 can transmit live, high-quality video over an Ethernet at up to 30 pps.

The Calibur SVMe-8 is an 8-channel streaming video module that transmits and receives video and audio signals over an Ethernet connection—enabling a user to monitor scenes from one of eight remote cameras via a PC. Video is transmitted at up to 30 pps.

The SVMe-8 is ideal for various applications, such as adding remote viewing capability to older or existing multiplexer and quad systems. It is also suitable for small remote systems that require occasional viewing over the Ethernet.

Video can be broadcast to a PC or stand-alone monitor, or routed through a matrix

switching system (such as Digiplex IV).

Remote camera control can also be established. Input mapping enables operators to use a PC for controlling a remote camera's pan, tilt, zoom, focus, iris, and preset positions—even if the dome address is different from the camera input number on the SVMe-8.

Networking two SVMe-8's establishes video conferencing capability with two-way audio and video, making it ideal for access control applications.

The SVMe-8 is supplied with SVMe-8 Client software, a user-friendly, Windows-based interface that enables the SVMe-8 to be controlled from a

Features

- Transmits live video over a network at up to 30 pps
- Eight camera inputs (NTSC)
- Remote PTZ control
- Video conferencing capability
- Optional two-way audio
- High-resolution snapshot mode
- Fully programmable for alarm response
- Eight alarm inputs, one relay output
- Automatic video sequencing

PC. With SVMe-8 Client software, users can take high-resolution snapshots and save them to the PC for future retrieval. A high-resolution snapshot mode provides closer scrutiny of recorded images. Client software also enables one user to connect to up to four SVMe-8's simultaneously.

The SVMe-8 can accommodate up to eight alarm inputs and one relay output. When an alarm is triggered, it will automatically display the alarmed camera. When multiple alarms are triggered, the SVMe-8 will sequence all alarmed cameras for a user-defined dwell time. An alarm log is stored in the unit in nonvolatile memory.



GE Interlogix

**Product
Specification**

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SVMe-8 Client software

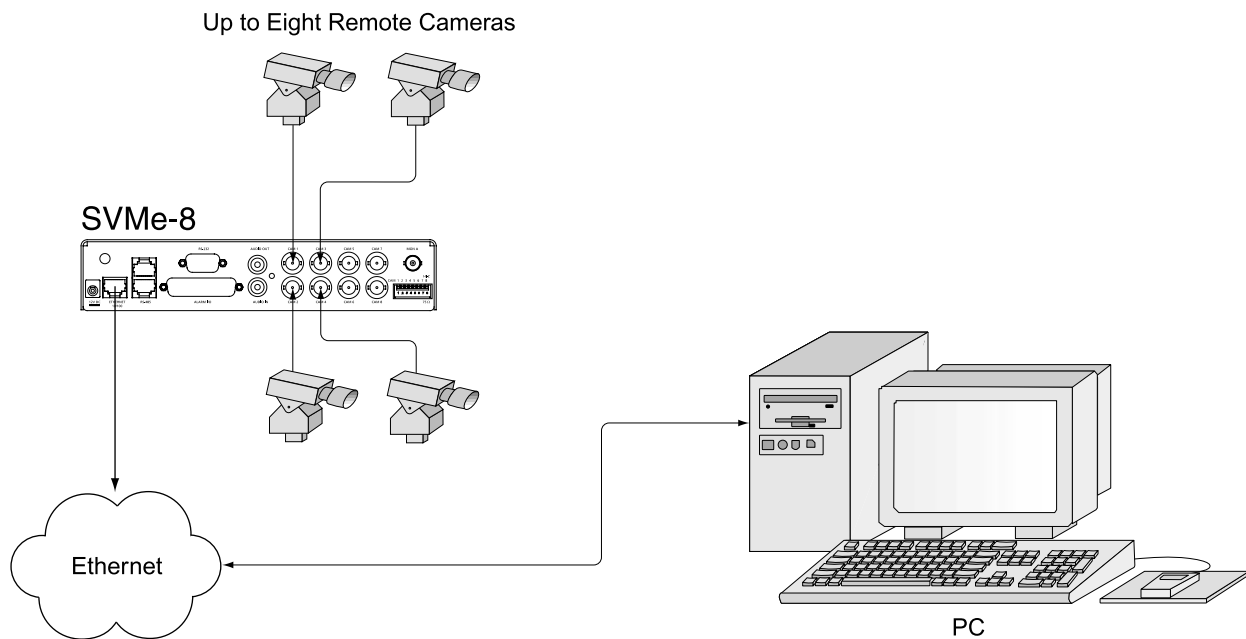
The SVMe-8 is supplied with SVMe-8 Client software, a Windows-based GUI that enables the user to:

- Adjust the connection type and video refresh rate to optimize images
- Select an IP address and make a connection
- Connect up to four SVMe-8 units from a single computer simultaneously (depending on PC)
- Select a camera with its on-screen keypad
- View a large or small image
- Control pan and tilt functions with variable speed
- Adjust focus, zoom, and iris of remote cameras
- Set preset positions



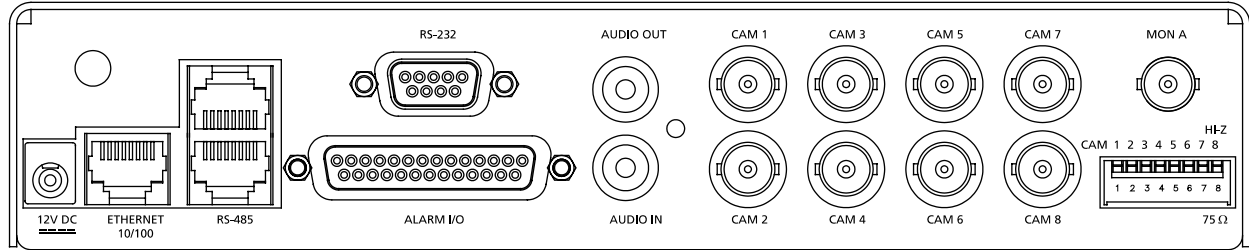
The SVMe-8 Client screen features an IP address selection window; camera selection buttons; pan and tilt control arrows; a pan/tilt rate adjustment bar; focus, iris, and zoom buttons, and preset function buttons.

System Diagram

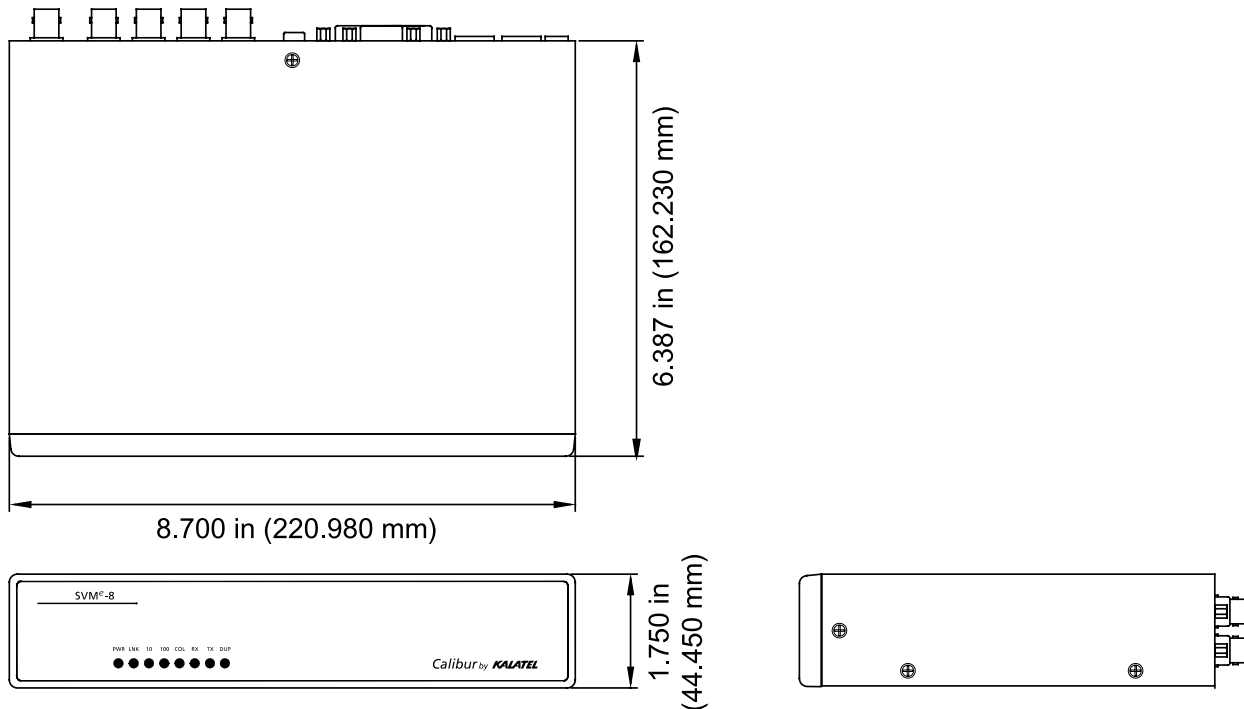


The SVMe-8 transmits and receives video and audio signals over an Ethernet connection, enabling a user to monitor scenes from one of eight remote cameras via a PC equipped with SVMe-8 Client software.

Rear Panel Connections



Dimensions



Compatible Equipment

Cameras

All NTSC cameras that output a composite video signal, including all GE Interlogix NTSC cameras (GBC, Kalatel, and CyberDome)

Domes

Using a Kalatel ProBridge, the SVMe-8 is compatible with the following PTZ units:

- CyberDome
- Spectra Dome
- Ultradome
- Super Dynamic II Dome Camera

Multiplexers and Digital Recorders

The SVMe-8 is compatible with the looping outputs of virtually all multiplexers and digital recorders. Although the SVMe-8 is able to access views from up to eight cameras, it lacks multiplexing or switching capabilities that would enable it to control a multiplexer.

Existing Video Systems

The SVMe-8 is suited for adding to existing, installed video systems to provide remote viewing of selected cameras. Video signals could be either direct camera signals,

looping video inputs, or distribution amplifiers used to split off signals from devices such as multiplexers, digital video recorders, or matrix switchers.

Keypads

- KTD-405
- KB3

Both can be used with the SVMe-8 to control a dome's pan, tilt, zoom, focus, aperture, and set/go to preset functions

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Technical Specifications

Video Inputs

Camera: 8-channel composite, BNC connectors. NTSC only.
Conditioning: 0.7 to 2.0 volt pk-to-pk
Termination: Selectable, 75 ohm or Hi-Z. Termination switches on rear panel.

Video Output

Composite: One BNC connector, NTSC/EIA compatible. 1 volt pk-to-pk into 75 ohm

Audio

Input: Line level RCA jack.
Output: Line level RCA jack.

Network

Type: Auto-detect 10/100 Ethernet
Connection: RJ-45 Jack
Video Codec: H.263
Audio Codec: G.711 & G.723.1
Video Update Rate: 30 pictures-per-second

Communications

RS-232: DB-9 male connector, used for initial unit setup
RS-485: Single port with two looping RJ-45 jacks for serial pass through to control pan, tilt, and zoom

Alarm Handling

Inputs: Eight normally open alarm inputs, each associated with its video input. Connect on terminal block connector.
Output: One relay output on terminal block connector

Indicators

Diagnostic LEDs: Located on front panel to provide status information for power, network link, 10/100 Ethernet status, RX and TX

Physical

Power Supply: 12 VDC – 1.0 Amp, 2.1 mm barrel connector, center positive.
Battery Backup: Nonvolatile memory for setup and alarm data
Real-time Clock: Time stamping of alarm data

Ordering Information

0110-E108: SVMe-8 Streaming Video Module. 8-channel, NTSC.
CBR-PB2: ProBridge (specify dome type)
CBR-PB2-PE: ProBridge for Pelco dome



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