



V1500X-SCCS System Controller



Multifunction Keypad Controller Works with both ViconNet IP and Pilot Matrix Systems

- Supports ViconNet IP video systems, including the Virtual Matrix Controller and Pilot or NOVA Matrix Switching Systems
- Can be used to simultaneously control ViconNet and Matrix Switching systems
- Intuitive, touch-sensitive color LCD screen brings control of many common functions to your fingertips
- Three-function joystick provides proportional control of pan, tilt and zoom

The V1500X-SCCS System Controller is a multifunction keypad designed to operate with Vicon's Pilot and NOVA™ matrix systems and the ViconNet® Digital Video Management system, including the Virtual Matrix Controller (VMC). The VMC provides traditional matrix control system functionality to ViconNet.

It can be simultaneously connected to both a ViconNet system and a Pilot or NOVA system, thus providing a single keypad for control of both systems. The desktop unit features a touch-sensitive, color LCD screen, three-function joystick, function keys jog/shuttle wheel and numeric keypad. The LCD screen displays information based on mode and function selection. Touching the icons displayed on the screen activates these functions. Status messages are also displayed in boxes on the screen.

The V1500X-SCCS System Controller has three

primary modes of operation: Pilot mode, ViconNet mode and Virtual Matrix mode. A fourth mode, Setup, provides for system configuration, programming sounds and diagnostics.

Pilot Mode - Provides for standard camera, monitor, preset, tour, and salvo selections as well as standard PTZ, lens, auxiliary relay, lens speed, auto-pan and auto-iris controls.

ViconNet Mode - Provides all of the functions of the Pilot mode and the ability to control compatible Kollector® DVRs and ViconNet NVRs and workstations.

Virtual Matrix Controller Mode - Provides all of the functions of the Pilot and ViconNet modes and adds joystick control of PTZ and camera select actions as well as direct camera control for ViconNet Quick Playback, Playback Speed Record, Playback, Freeze, Stop and Macros.

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Technical Specifications

ELECTRICAL

Input Voltage: 13.6 VDC \pm 2%.
Current: 140 mA.
AC Input: 15 W power supply adapter provided for 120/230 VAC source.
Power Consumption: 2 W.

MECHANICAL

Application: Indoor.
Dimensions: Height: 4.00 in. (102 mm).
 Width: 13.75 in. (349 mm).
 Depth: 8.75 in. (222 mm).
Weight: 4.0lb (1.8 kg).
Color: Silver.

ENVIRONMENTAL

Operating Temperature Range: 32 to 104° F (0 to 40° C).
Operating Humidity Range: Up to 90% relative, non-condensing.

CONNECTORS and CONTROLS

Connectors: Ethernet RJ-45: Future use.
 RS-422: 6-pin screw terminal.
 USB: Future use.
 RS-232, RS-485: 9-pin D-shell connector.
 Parallel Port: 25-pin D-shell connector (future use).
 Power: 2-pin screw terminal connector.

LCD Panel: Displays programming and operational screens; touch sensitive.

Numeric Keypad: Number entry.

Joystick: Provides pan-and-tilt; diagonal motion provides simultaneous pan-and-tilt movement. Twist top to zoom in/out.

Jog/Shuttle Wheel: Controls frame advance and reverse, fast forward and reverse video (ViconNet/Virtual Matrix mode).

Camera Key: Enters a camera number.

Monitor Key: Enters a monitor number.

Special Function Keys: Keys that select Mode, Macro, Multi-Screen and Full Screen. Selects programming and operational screens.

Preset Key: Enters preset number.

Focus Near/

Focus Far Keys: Manually focus camera view.

Iris Open/

Iris Close Keys: Manually open or close current camera's iris.

Alarm Key: Acknowledges alarms; buzzer On/Off software selectable.

Back/Clear Key: Clears entry.

Shift Key: Used to set presets, acknowledge COM fail alarms and record macros (Pilot mode).

Models, Product Codes and Descriptions

Model No.	Product Code	Description
V1500X-SCCS	7602-10	System Controller; used to control both Pilot/NOVA control systems and ViconNet Digital Video Management Systems, including Virtual Matrix Controller (VMC).
VN-V1500X-SCCS	9222-06	PrePac for for use with ViconNet/Virtual Matrix Controller; includes V1500X-SCCS System Controller and V422-CONV RS-422 to RS-232 converter.

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Vicon part number 8015-5128-00-00 Product specification subject to change without notice.