

CONTROLLERS - VLC485 RS485 Controller



DESCRIPTION

The compact, desktop VLC485 provides PTZ control, programming capabilities, camera call-up, sequences and auto tours, and it will work as a stand-alone operation or a serial port for connection to a PC can be used as an interface for user application software. The unit can interact with a multiplexer to allow multiple camera monitoring with single button convenience. It can be directly connected to another unit for single-user, multi-unit remote applications. A menu driven configuration and joystick control add to its ease of operation.

FEATURES

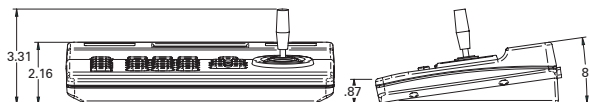
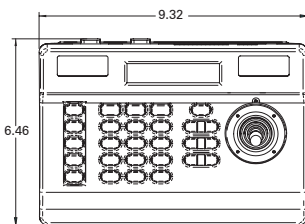
- LCD display
- Menu driven user configuration, password protected
- Can be used as stand alone or in conjunction with a PC
- Joystick control
- Control for up to 99 pan/tilts
- Supports up to 32 multiplexer channels
- 8 alarm inputs and 1 alarm output

CERTIFICATIONS



ARCHITECTURAL/ENGINEERING SPECIFICATIONS

The VLC485 housing shall be constructed of high-impact plastic, and shall be 2.3" H x 9.5" W x 7.2" D to allow desktop placement. A numeric keypad and camera function keys shall be included, the keys shall be waterproof. Uncommitted keys shall be available for use with a PC port and user application software. The VLC485 shall include a 2-axis, variable speed joystick for camera control. An LCD display with backlight shall feature 2-line x 20 character alphanumeric readout. Input voltage for the unit shall be 5 VDC, with a 110 VAC wall transformer power supply provided. Power consumption shall be 1 watt. One 4-pin RS485 screw down connector and two DB9 RS232 connectors shall be included. Pan/Tilt interface shall be RS485, mux interface shall be RS232, and PC interface shall be RS232. The pan/tilt operating distance shall be 4000 ft. on 24 AWG wire. The VLC485 shall be adaptable to Videolarm or Sensormatic protocols.



ELECTRICAL SPECIFICATIONS

Input Voltage	5 VDC, 110 VAC Wall transformer power supply provided
Power Consumption	1 watt
Keyboard Connector	
RS-485	(1) 4-pin, screw down connector
RS-232	(2) DB9 connectors
Keyboard Communication	
Pan/Tilt Interface	RS-485
Mux Interface	RS-232
PC Interface	RS-232
Pan/Tilt Operating Distance	4000 ft (1029 m) on 24 AWG wire
Protocols	Videolarm, Sensormatic

GENERAL SPECIFICATIONS

Keyboard Keypad	Multi-color keys. Numeric keypad and camera function keys. Uncommitted keys for use with PC port and user application software
Joystick	2-axis, variable-speed with zoom
Display	2-line x 20-character alphanumeric LCD display with backlight
Ambient Operating Temperature	20° to 120° F (-7° to 49° C)
Dimensions	2.25" H x 9.5" W x 7.125" D

CONTROLLER PORTS

Pan/Tilt	4-pin screw down connector RS-485, up to 3000 ft. operation with 24 AWG, twisted pair wire
PC Serial	DB9 connector RS-232, 9600 baud, 1-start, 1-stop 8-data bits, 100 ft. operation with 24 AWG wire
Mux	DB9 connector RS-232, 9600 baud, 1-start, 1-stop 8-data bits 100 ft. operation with 24 AWG wire
Alarm Inputs	9-pin screw down connections Normally open inputs, 10K-ohm impedance
Alarm Outputs	3-pin screw down connections 1 form C relay contacts, 1 amp. max. current

SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
VLC485	2.5 lbs	5 lbs	

* Shipping weights depend on box dimensions.