

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

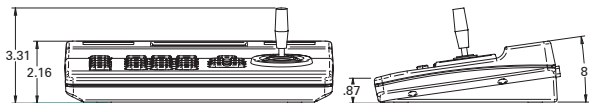
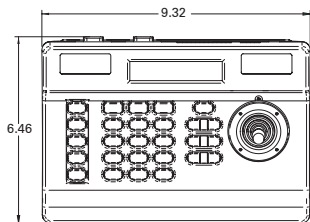
- LCD display
- Menu driven user configuration, password protected
- Can be used as stand alone or in conjunction with a PC
- Joystick control
- Control for up to 99 pan/tilts
- Supports up to 32 multiplexer channels
- 8 alarm inputs and 1 alarm output
- Supports Toshiba P, Videolarm VL422, Sensormatic 422, Pelco P, Pelco D, and Kalatel

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 Toshiba P, Videolarm VL422, Sensormatic 422, Pelco P, Pelco D, and Kalatel 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	Toshiba P, Videolarm VL422, Sensormatic 422, Pelco P, Pelco D, and Kalatel

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.