

CONTROLLERS - VLC200T CoaxLynx™ Controller



DESCRIPTION

The VLC200T is our low-cost "up the coax" (UTC) switcher/controller, designed for either desktop or rack mounting. It has four video and alarm inputs, and is expandable, in increments of four, up to a maximum of 16 (VL200E option). There are also three video and two alarm contact closure outputs. An RS232 port is provided to interface with a P.C., or for master/slave connections. The VLC200T controls all VIDEOLARM UTC pan/tilts and is compatible with several multiplexers. It comes complete with auto scan, zoom, focus, and three auxiliary controls (one latching).

FEATURES

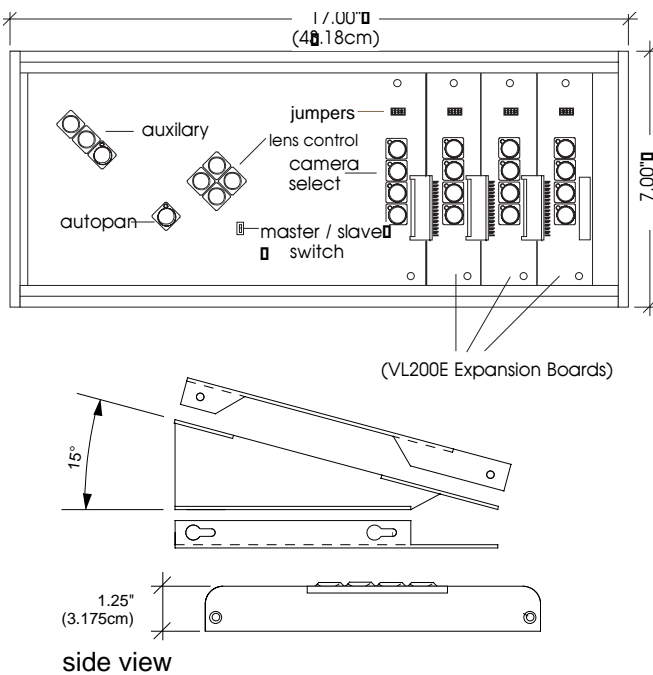
- Up the coax control of camera, pan/tilt and lens functions
- Expandable from 4 to 16 camera inputs
- User programmable sequential switching
- Independent dwell setting for each camera position
- Capable of master/slave configurations
- Memory backup for programmed functions
- Accepts up to 16 alarm inputs
- Two alarm contact closure outputs
- Optional expansion boards for video loop through

CERTIFICATIONS



ARCHITECTURAL/ENGINEERING SPECIFICATIONS

The VLC200T is a modular, microprocessor based coax control system, which shall enable the control of pan/tilt/zoom operations of up to four cameras. When combined with the optional VL200E expansion boards, the control of functions for up to 16 compatible receiver units shall be enabled. The control signal shall be multiplexed over a standard coax video cable to reduce the need for redundant cable runs. The unit shall also accept alarm inputs from up to 16 contact closures, automatically switching to the alarm location. Switching shall be done during the vertical interval to minimize picture roll between properly phased cameras. An output shall be provided to control video recording equipment. A second VLC200T may be used in a master/slave configuration for camera control from an additional location. Optional expansion boards shall be available to allow for loop-through video; however, the unit is only expandable up to 8 positions with this option.



ELECTRICAL SPECIFICATIONS

Product	VLC200T	VL200E
Power Source	5 V DC (external)	5 V DC (internal)
Power Consumption	250 mA	45 mA
Inputs		
Video:	4 BNC	4 BNC
1.0 Vpp 75Ω, multiplexed video and control data.		
Alarm:		4 4
contact closure to ground		
Outputs		
Video:	2 BNC	none
1.0 Vp-p / 75Ω, composite video signal.		
Alarm:		
Video:	1 BNC	none
1.0 Vpp / 75Ω, composite video signal.		
Control:	2	none
NO/NC contact closures	2 A - 120 VAC, 1 A - 30 VDC	
Serial Communication	1 DB9 female	none
	± 5 VDC	
Switches	16 (6 lighted)	4 lighted
	4 video selection	4 video selection
	2 zoom (tele/wide)	
	2 focus (near/far)	
	2 pan (left/right)	
	2 tilt (up/down)	
	1 autopan (latching)	
	3 aux. (1 latching)	
Operating Temp.	0° C to 50° C (32° F to 122° F)	

Product specifications are subject to change without notice.

VLC200T CoaxLynx™ Compatibility Chart	
Fiber Transmitters	Model Number
1. American Fibertek	MT1600/MR1600
2. Communications Specialties Inc.	FX/FR 5820A
3. FiberOptions	139V-R/VL1B98 Receiver 139V-T/VL1B98 Transmitter 139V-T/V 139V-R/V
4. Meridian	PT-220i (camera) PR-220iM (monitor)
5. IFS	VT6010 Multiplexor (4 fixed cameras) VT6010 Demultiplexor (4 fixed cameras) VR/VT1505 WDM
Phone Line Transmission Equipment	
1. Adpro	VST10 Series VST10CA Series (color/audio)
2. Presearch	T6000/R8000 Series
3. GYYR	Fastrans 2004
4. Visions Televideo	VTT 5000 (Video and PTZ Control) VTT 2000 (Video)
5. Video Support Com	TR-70 (video and PTZ control), 1500 ft. color video-PTZ, 3000 ft. b/w video PTZ
6. NVT	NV-213A
Microwave	
1. Southwest Microwave	Model 802/902 with reverse RS232
2. MRC Broadcast Prod.	MR-23VX Series with reverse subcarrier
Multiplexers	
1. Dedicated Micros	UPX2DM
2. Robot	MV96/MV16
3. GYYR	D59/DS16C/DS16D
4. ATV	DPX16

MODELS

VLC200T - UL approved pan/tilt, scanner, switcher control for desktop, wall or rack mounting. Basic system has three outputs and four video and alarm inputs; field expandable to 16 position using VL200E option listed below. Complete with autopan, three auxiliaries and zoom lens control.

OPTIONS/ACCESSORIES

VL200E - Four position input expansion card

VL200L - Four position looping expansion card; maximum two cards per VLC200T

SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
VLC200T	7 lbs	7 Grd/7 Air	24 x 11 x 7

* Shipping weights depend on box dimensions.

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