



VCU-05

VIDEO CONTROL UNIT



The VCU-05 Video Control Unit provide switching, power and control interface between aircraft systems and the camera system and/or security system. The VCU-05 incorporates a video switcher for direct selection of one of eight NTSC video sources and also passes through all eight input to the aircraft video distribution system. In addition, the VCU-05 provides the control signals for the CMZ series zoom cameras and the security system recorder. The VCU-05 also accepts keyline or RS-485 data bus control signals from the aircraft system for operational control.

CONTROLS

- Camera/Video Switched Output Select
- System On/Off
- Input Configuration (No of Inputs)
- CMZ zoom camera control
- Security System Interface

SPECIFICATIONS:

Model:	VCU-05
Part Number:	100-2415-01
Description:	Video Control Unit
Max. Weight:	3.5 lb. (1.59 kg)
Dimensions: (HWD):	3.0 x 8.3 x 6.5 in. (76 x 211 x 165 mm)
Finish:	Powder coated, black / Gold Chem-Film
Mounting:	4x 10-32 fasteners (flange mount)
Power Requirements:	28 VDC, 45w max. (for eight cameras)
Video Output:	VBS, 1.0 Vp-p at 75 , Negative Sync
Mating Connectors:	J1-MS27473E18A32S J2-MS27473E18A32P J3-MS27473E20A41P
Television System:	EIA RS-170 (NTSC Monochrome) / NTSC 3.58 Composite
Camera / Video Source Interface	Eight 12VDC Power Outputs Eight Video Inputs, 75 RS-422 Control Bus (Zoom)
Security System Interface	Recorder Control Bus Security RS-485 Bus Syspwr Battery Bus Security Video Output (8 x1)
Aircraft Video System Interface	Keyline Controls (Zoom Camera Functions, System OFF, Video Select) Cabin RS-485 Control Bus Eight Pass-Through Video Channels One 8 x 1 Switched Output (RS-485 or Keyline Selectable)



Securaplane Technologies, Inc.

Part of the Pacific Scientific Aerospace Group
 10831 N. Mavinee Drive, Tucson, Arizona 85737
 Tel. (520) 297-0844 • Fax: (520) 498-4924
www.securaplane.com

Information subject
 to change.
 Please contact
 Securaplane for
 current data.

