

Video Loss Detector

VLD-3002

For valid video present detection

The **Litelink®** VLD-3002 provides alarm indication when there is a loss of video sync, when there is an extended period of black (obstructed camera lens) or white (intentional blinding camera video signals). The VLD-3002 is a dual channel unit. For each channel there are: Signal, Black, & White level Indicators; Adjustable trigger points for black and white alarm levels; and a normally open relay contact that closes on an alarm condition.

The VLD-3001 is a single channel version of the VLD-3002. The VLD-1001 is a low cost single channel unit which only detects presence video only (via sync) and not black/white levels. All units can be mounted in our 1U, 2U or 3U racks for multi-channel monitoring. Additional alarm contacts and an audible alarm can be achieved with an optional ALM-1000.



Technical Specifications

Important Feature

Compatibility	NTSC or PAL
Video Bandwidth	DC to 30 MHz (+0, -3dB)
Video Input / Output Levels	1 volt peak to peak
Input / Output Impedances	75 ohms
Black level alarm adjustment	100mV to 700mV
White level alarm adjustment	100mV to 1V
Differential Gain	0.1% maximum
Differential Phase	0.1° maximum
Field Tilt	0.05 maximum
Signal / Noise Ratio	85 dB minimum
Response Time	3 seconds typical (Note: the "H" version of each model reduces the response time to 0.5 seconds)
Signal Connectors	BNC
External contact connector	Removable terminal block
Dry Relay Contacts	0.5 A @ 125 VAC 1.0 A @ 24 VDC
Indicators	Power, Alarm
Channel indicators	Signal, White, Black
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements	11-24 VAC or DC @ 150 mA
Physical Size (mm)	5.0"(127)x3.0"(76)x1.0"(25.4)

- **DC to 30 MHz Video Bandwidth**
- **BNC loop through**
- **Low Cost**
- **Alarm Contacts**
- **Stand-alone, DIN or Rack Mountable (same unit)**

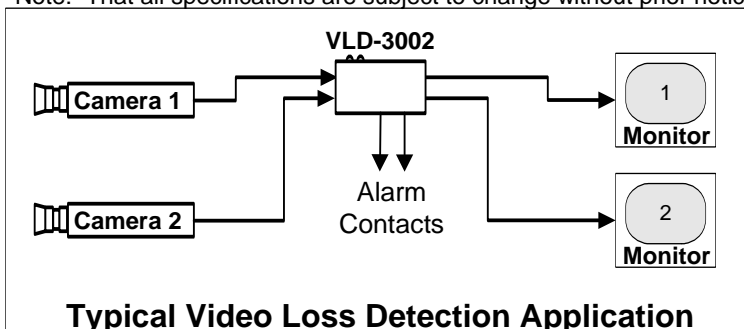
Ordering Information

Video Loss Detectors

VLD-1001	\$158
Single channel	
Sync alarm only	
VLD-3001	\$207
Single channel	
Sync / Black / White alarm	
VLD-3002	\$326
Dual channel	
Sync / Black / White alarm	

For stand-alone operation order a PS-1205 power supply for each unit.

Note: That all specifications are subject to change without prior notice.



Litelink®

Fiber Optic Transmission Systems

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