



The National Electronics NL-VLC has been specifically designed for gas pump observation where local by-law requires that loss of video observation results in preventing the pumps from operating. The NL-VLC can be configured for one to eight cameras, each with its own SPDT contact.

Not only does the NL-VLC operate when the entire video signal is lost, but an alarm condition will occur when video levels fall below a preset adjustable level. This can be caused by any disturbance of the video level such as covering the camera with a baseball cap, throwing a cloth over the camera, or spraying the lens with paint. Cutting the video cable or removing the power from the camera, will also cause an alarm.

The NL-VLC is a one to eight channel input/output unit. A video gain amplifier is built in to compensate for any degradation of video signal in the wiring or connectors. The unit is designed for unattended and trouble-free operation. Once installed and adjusted, no further maintenance is required.

FEATURES

- > Full color compatibility
- > N/O and N/C contacts per camera
- > Installer adjustable trigger level
- > Front panel indicator of video presence or loss
- > Configurable from two to eight inputs
- > Shelf or rack mountable
- > One year warranty

SPECIFICATIONS > NL-VLC

Video Loss Detector

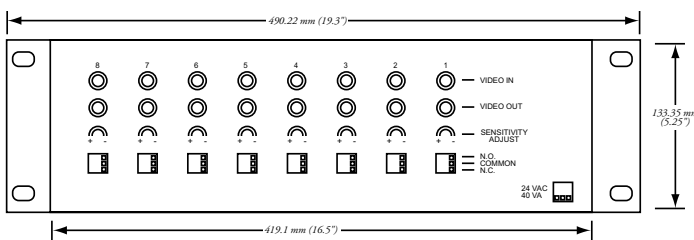
Inputs	One BNC per card to total of eight
Outputs	One BNC per card to total of eight
Input Voltage	24 VAC
Frequency Response	10 Hz to 40 Mhz (\pm 0.5 db)
Video Bandwidth	Up to 40 MHz
Relay	SPDT contacts rated at 125 VAC at 0.6 ampere, 30 VDC at 3.0 amperes
Input/Output Impedence	75 ohms
Dimensions (W x H x D)	16 1/2 x 5 1/4 x 6 inches; 419 x 133 x 153 mm (3 rack spaces)
Rack Mount	Rack mount brackets provided

The NL-VLC is extremely flexible and may be configured from 1 to 8 camera/pump detectors. The product consists of the NL-VLC mother cabinet which can house from one to eight NL-VLDPCB relay cards. Please specify how many relay cards you require. The NL-VLC is factory set for normal operation. Although the sensitivity is preset, local conditions may require adjustment of the sensitivity. Adjustments may be made by turning the adjustment potentiometer on the back of each relay card.

The NL-VLC Video Loss Detector provides both:

- Visual alarm indication – a separate indicator LED for each channel on the front of the unit changes from normal GREEN to RED when video falls below an adjustable preset level
- Contact closure – separate N/O to N/C, or N/C to N/O for each channel

NL-VLC



> www.nationalcctv.com

Please visit our website for more information on the entire line of National Electronics™ products.

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