



The VITEK VT-LTR13V-KIT is a laser optical video transmission system which was specifically designed for elevator CCTV surveillance applications. Because it transmits DVD quality video using an optical laser, cabling complexity, installation costs, and maintenance issues are drastically reduced. With a much longer life span than traditional 'moving coaxial cable' video transmission systems, the elevators operation, security, and safety is also increased.

FEATURES

- Interference & latency free Laser Optical Video Transmission System
- Quick & easy installation
- Large building support with a Maximum Operational Distance of up to 1300ft
- Maintenance Free Operation (No more cable wear problems)
- High quality image transmission (DVD quality resolution)
- Real time Transmission
- Semi-permanent life span
- Dramatically reduces installation and maintenance costs
- Compatible with all standard CCTV products and peripherals
- No Frequency/Site license fees

Detailed Specifications

TRANSMITTER	
Bit Error Rate	$<10^{-9}$
Light Source	inGaAlP Laser Diode
Laser Wavelength	658 nm
Output Power	30mW
Transmission Lens Diameter	50mm (1.97")
Beam Divergence	18mrad
Detector	Si APD
Operational Range	1300 Feet
RECEIVER	
Receiver Lens Diameter	50mm (1.97")
Gain	$> -45\text{dBm}$
Video Format	CVBS Max 2Vp-p, 75ohm
Power Supply Input	AC100~240V(50~60Hz)
Power Supply Output	DC12V
Operating Temperature	-4~158°F(-20 ~ 70°C)
Dimensions (W x H x D)	5.5" x 5.6" x 5.5" (139.7 x 142.2 x 139.7mm)