

J/VD-xX-01

Analog CCTV Video

Features

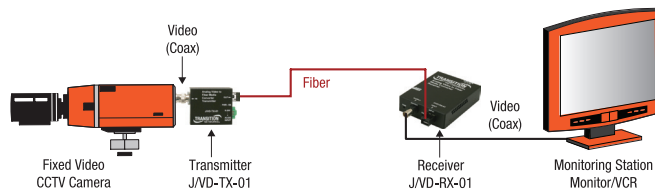
- ▶ AM Modulation
- ▶ NTSC, PAL, SECAM compatibility
- ▶ Compatible with all video CCTV equipment
- ▶ Real Time Full Color Video
- ▶ Automatic Gain Control on Transmitter
- ▶ Automatic Gain Control on Receiver
- ▶ Link Pass Through
- ▶ Wide input power supply:
 - Transmitter: 9 – 24 VAC w/Isolated Power Supply; 9 – 40 VDC
 - Receiver: 9 – 16 VAC/DC
- ▶ Video Specification:
 - Input Video: .5 to 2-volt pk-pk (75 ohms)
 - Bandwidth: 5 Hz – 10 MHz
 - Differential Gain: < 5 %
 - Differential Phase: < 5°
 - Tilt: < 1%
 - Signal/Noise Ratio: 60 dB



Transmitter

Receiver

Connect Uni-directional Analog Video Devices Over Fiber



Specifications

Video Formats	NTSC, PAL, SECAM
Optical Specs	Multimode: 850nm 3.0 dB Link Budget Single Mode: 1310nm 3.0 dB Link Budget
LEDs	J/VD-TX-01(xx) Transmitter: PWR(Power): ON = Power connected RX: ON = Copper Video feed IN J/VD-RX-01(xx) Receiver: PWR(Power): ON = Power connected RX: ON = Fiber Video feed IN
Dimensions	Transmitter: Width: 2.0" [51 mm] Depth: 2.2" [56 mm] Height: 1.0" [25 mm] Receiver: Width: 4.0" [102 mm] Depth: 3.0" [76 mm] Height: 1.0" [25 mm]
Power Supply	Transmitter: 9 – 40 VDC, 9 – 24 VAC Receiver: 9 – 16 VAC/DC
Power Consumption	2 Watts
Operating Temperature (Standard)	0°C to 50°C (32°F to 122°F)
Storage Temperature	-25 to 85°C (-13°F to 185°F)
Altitude	0 – 10,000 ft.
Operating Humidity	5% – 95% non-condensing
Shipping Weight	1 lb. [0.45 kg]
Safety Compliance	CE Mark Power Supply: UL listed, EN60950
Regulatory Compliance for Emissions	FCC Class A, EN55022 Class A
Regulatory Compliance for Immunity	EN55024
Warranty	Lifetime

Ordering Information

J/VD-TX-01: Video Transmitter

BNC (75 ohm)
to Multimode (ST)
[1 km/0.6 mi.]

J/VD-RX-01: Video Receiver

BNC (75 ohm)
to Multimode (ST)
[1 km/0.6 mi.]

J/VD-TX-01(SC): Video Transmitter

BNC (75 ohm)
to Multimode (SC)
[1 km/0.6 mi.]

J/VD-RX-01(SC): Video Receiver

BNC (75 ohm)
to Multimode (SC)
[1 km/0.6 mi.]

J/VD-TX-01(SM): Video Transmitter

BNC (75 ohm)
to Single Mode (ST)
[10 km/6.2 mi.]

J/VD-RX-01(SM): Video Receiver

BNC (75 ohm)
to Single Mode (ST)
[10 km/6.2 mi.]

Optional Accessories (sold separately)

Mounting Options

WMBJ-V

Wall Mount Bracket Kit (for transmitter)

E-MCR-05

12-slot Media Converter Rack
(for receivers)

WMBS

Wall Mount Bracket Kit (for receivers)