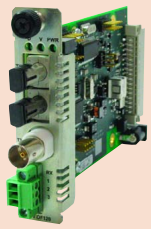
point system™
slide-in-module
media converter

Analog CCTV Video + Data Receiver

CVIDF201x-110

NEW

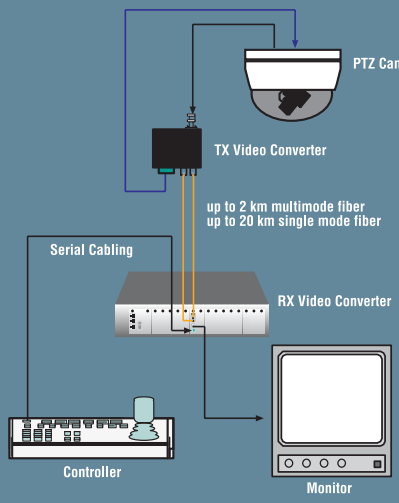


Transition Networks's Point System™ Chassis Analog Video + Data Receiver, when paired with our camera-mounted transmitter **SVIDF201x-100**, enables the transport of analog CCTV video and PTZ serial data over fiber infrastructure for extended reach video surveillance or security installations. And with Transition's unique **Extended Fiber Receive Mode**, the RX sensitivity can be adjusted to accommodate even greater fiber link distances.

The RX chassis cards receive the video signal on fiber and convert it back to an analog composite video stream and output the video on coaxial cable to the monitor. In addition, the RX card receives the data stream from the PTZ controller and transmits it over the fiber cable to the other end of the link.

All conversion is performed in real time. Automatic gain control maintains the desired quality of the video stream's contrast and brightness for extended distances. No field adjustments are necessary.

Connect uni-directional analog video devices over fiber



Features

- AM Modulation
- NTSC, PAL, SECAM compatibility
- Supports RS-232, RS-422 or RS485 data transmission for PTZ camera functionality
- Automatic Gain Control
- Real Time Full Color Video
- Transparent to Data Encoding/Compatible with Major CCTV Camera Manufacturers
- Video Specification:
  - Input Video: 0.5 to 2-volt pk-pk (75 ohms)
  - Receiver: 9 – 16 VAC/DC
  - Differential Gain: < 5 %
  - Differential Phase: < 5°
  - Tilt: < 1%
  - Signal/Noise Ratio: 60dB

Specifications

Video Formats	NTSC, PAL, SECAM
Data Formats	RS-232, RS-422, RS-485
Data Rate	**Serial:** 115 kb/s
Jumpers	**JP1:** Enable/Disable Automatic Gain Control **JP2:** Normal/Extended Mode **JP3:** Hardware/Software Mode
Status LEDs	**PWR (Power)**: ON = Power connected **V (video)**: ON = video signal present **D (data)**: ON = data transmitted
Dimensions	**Width**: 0.86" [22 mm] **Depth**: 5.0" [127 mm] **Height**: 3.4" [86 mm]
Power Consumption	3 watts
Environment	See chassis specifications
Altitude	0 – 10,000 feet
Operating Humidity	5% – 95% non-condensing
Shipping Weight	1 lb. [0.45 kg]
Compliance	CISPR/EN55022 Class A + EN55024; EN60950 Class A; FCC Class A; CE Mark
Warranty	Lifetime

Ordering Info

Video Receiver (monitor/controller side)

CVIDF2011-110
BNC (75 ohm) **[228 m/750 ft.]**
to 850nm Multimode (ST)
[2 km/1.2 mi.] Link Budget: 11.0 dB

CVIDF2013-110
BNC (75 ohm) **[228 m/750 ft.]**
to 850nm Multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

CVIDF2012-110
BNC (75 ohm) **[228 m/750 ft.]**
to 1310nm Single Mode (ST)
[20 km/12.4 mi.] Link Budget: 15.0 dB

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