

1-Channel Fiber Video Transmitter



FEATURES

- 1 channel video, audio and data function in different models
- RF transmission frequency over 400 MHz (Ultra High Frequency)
- Compatible with NTSC, PAL and SECAM standard
- Modulation technology as Cable TV standard
- High quality CNR, CTB and CSO to guarantee the channel quality
- Laser diode to transmit optical signals
- Power 12 VDC. Easy installation without any adjustment

VT200 Series

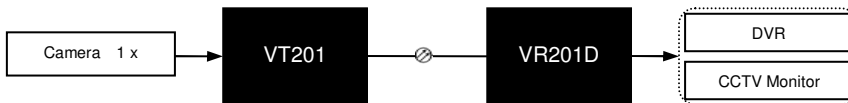


ViITA VT200 series supports one channel transmission of composite video, audio and data control. Through transmission frequency over 400 MHz, the channel image is guaranteed to be noise-free.

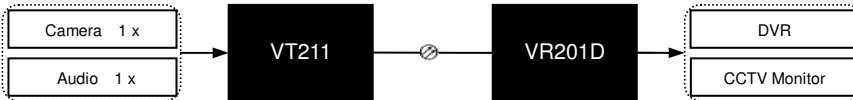
VT series provides high quality, real time and stable surveillance system with its advanced Cable TV technology. Paired with VR200 series, it can extend analog camera signals for 10~30 km without amplifiers.

APPLICATION

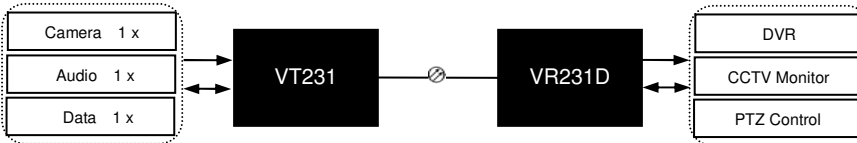
• VT201



• VT211



• VT231



Ordering Information

Model*	Standard	On 1 Fiber			Suggested Receiver
		Video	Audio	Data	
VT201	Fiber Video Transmitter	1	0	0	VR201D(Composite), VR201(TV)
VT211	Fiber Video Transmitter	1	1	0	VR201D(Composite), VR201(TV)
VT231**	Fiber Video Transmitter	1	1	1	VR231D(Composite & RS232/485/422)

* Standard: Single mode fiber. Multimode fiber in option.

**When VT231 is not available, reverse control signal can work with VT211 by VDT201.

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SPECIFICATION

Optical	
Fiber Type	Single mode (9/125μm)
Wavelength TX	≥ 1310 nm
Output Power TX	0 ~ -4 dBm
Effective Distance	10~30 km (2 km in multimode fiber)
Optical Connector	FC

Video and Audio	
Input/Output Level	1.0 Vp-p, 75 ohms
Video Format	NTSC, PAL, SECAM
Modulation Type	Cable TV standard
Transmission Frequency	>400 MHz
Bandwidth	6~8 MHz
Carrier to Noise Ratio	>65 dB
Composite Triple Beat	>63 dBc
Composite Second-order Beat	>61 dBc
Connector	BNC

Data	
Data Interface	RS-232, RS422, RS-485 (2-wire or 4-wire)
Data Transfer Rate	RS232: 115.2Kbps RS422/485: 500Kbps
Connector	Terminal Block

General	
Input Power	12 VDC
Power Consumption	< 1.2W (VT211)
Operating temperature	-20°C ~ 80°C
Storage temperature	-40°C ~ 85°C
Operating humidity	0 ~ 95% (non-condensing)
Certifications	CE, FCC, Complies with FDA requirements for Class 1 laser products

Dimension

Unit: mm

