

4-Channel Fiber Video Transmitter



FEATURES

- 4 channel video, audio and data function in different models
- RF transmission frequency over 400 MHz (Ultra High Frequency)
- Compatible with NTSC, PAL and SECAM video 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

VT400 Series

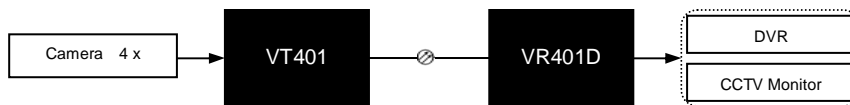


ViITA VT400 series supports four channel transmission of composite video, audio and data control. Through transmission frequency over 400 MHz, the channel image is guaranteed to be noise-free.

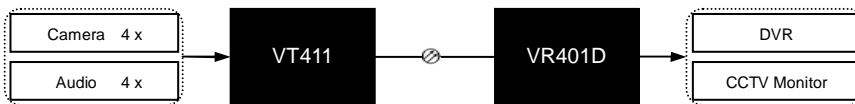
VT series provides high quality, real time and stable surveillance system with its advanced cable TV technology. Paired with VR400 series, it can extend analog camera signals for 10~30 km without any amplifier.

APPLICATION

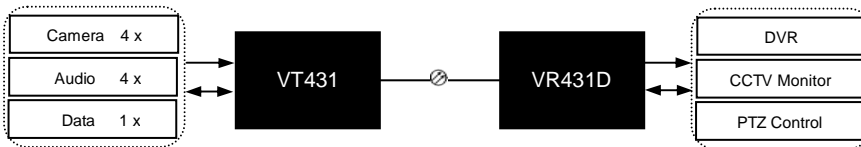
• VT401



• VT411



• VT431



Ordering Information

Model*	Standard	On 1 Fiber			Suggested Receiver
		Video	Audio	Data	
VT401	Fiber Video Transmitter	4	0	0	VR401D(Composite), VR201(TV signal)
VT411	Fiber Video Transmitter	4	4	0	VR401D(Composite), VR201(TV signal)
VT431**	Fiber Video Transmitter	4	4	1	VR431D(Composite & RS232/485/422)
VDT201***	Data Control Unit	0	0	1	VDR201(RS232/485/422)

* Multimode fiber type and CWDM type in option.

** Please contact ViITA for availability

*** Besides VT431, you can use our data control units to realize the PTZ function.

SPECIFICATION

Optical

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

Video and Audio

Input/Output Level	1.0 Vp-p, 75 ohms
Video Format	NTSC, PAL, SECAM
Modulation Type	As 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	< 3.5W (VT411)
Operating temperature	-20°C ~ 70°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

23.7(L)*10.1(W)*2.8(H) cm

Unit: mm

