

1-Channel Fiber Video Receiver



FEATURES

- 1 channel video, audio and data function in different models
- Output in composite or TV signal, which is easily integrated into home security
- Compatible with NTSC, PAL and SECAM standard
- High sensitivity, allowing more power budget
- Audio volume control function
- High quality CNR, CTB and CSO to guarantee the channel quality
- Stand alone or Chassis slot design
- Power 12 VDC. Easy installation without any adjustment

VR200 Series

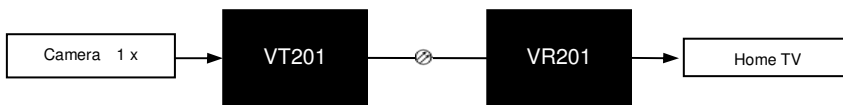


VR200 series receives one channel of composite video, audio and data control. It can output in composite video format for DVR, or TV signal for home TV set. With audio volume control and remote frequency control, it allows users to adjust for special environment.

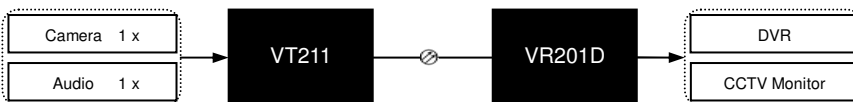
VR series provides high quality, real time and stable surveillance system with our core technology in fiber module. Paired with VT200 series, it can extend analog camera signals for 10~30 km. This model is designed as the size for chassis.

APPLICATION

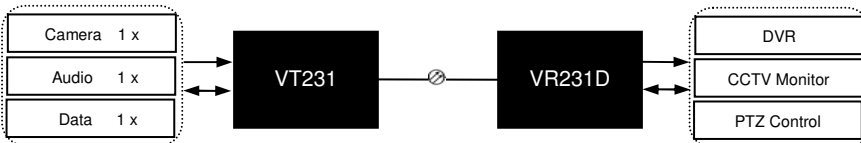
• VR201



• VR201D



• VR231D



Ordering Information

Model*	Standard	On 1 Fiber			Suggested Transmitter
		Video	Audio	Data	
VR201	Fiber Video Receiver	1	0	0	VT211
VR201D	Fiber Video Receiver	1	1	0	VT211
VR231D**	Fiber Video Receiver	1	1	1	VT231
CH800***	Chassis for 8 VR201Ds	-	-	-	-

* Standard: Single mode fiber. Multimode in option.

**When VR231D is not available, reverse control signal can work with VR201D by VDR201.

***3U, 19" chassis with 8 slot capacity for VR201D

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SPECIFICATION

Optical	
Fiber Type	Single mode (9/125μm)
Wavelength RX	1100nm ~ 1650nm
Sensitivity RX	-32 dBm
Effective Distance	10~30 km
Optical Connector	SC

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

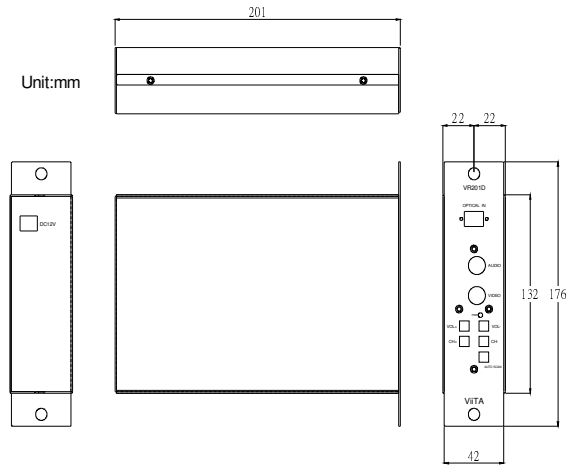
Data	
Data Interface	RS-232, RS422, RS-485 (2-wire or 4-wire)
Data Transfer Rate	RS232: 115.2Kbps RS422/485: 500Kbps
Connector	Terminal Block

Input Power	12 VDC
Power Consumption	< 3.5W (VR201D)
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

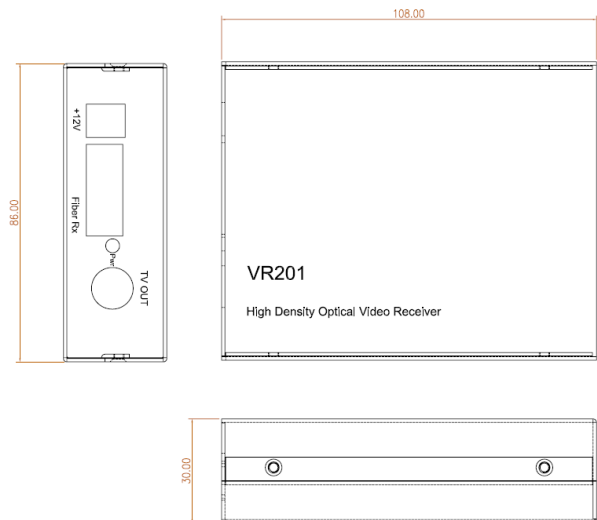
Dimension

Unit: mm

VR201D



VR201



General

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