

# 1-Channel Fiber Video Node for 4 Cameras

## FEATURES

- 4 cameras linked in series, each supports 1 channel video, audio and data
- Easy installation and reduce cable cost
- 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

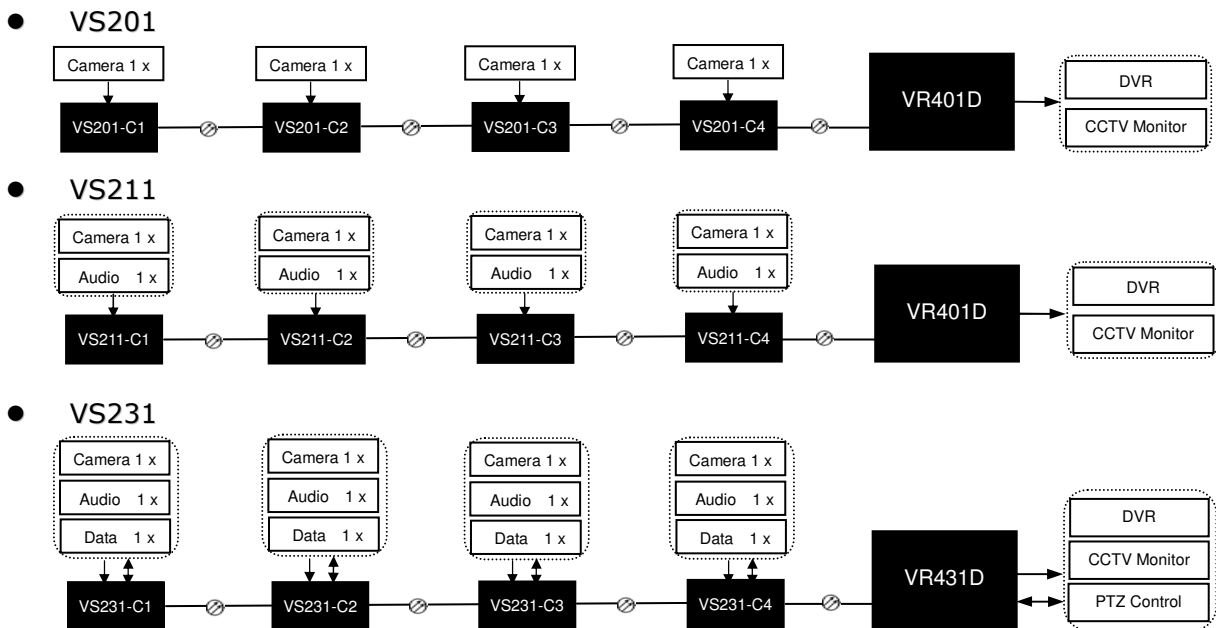
## VS 200 Series



When there is quite a distance between your cameras, ViiTA VS200 series will help you install efficiently. With only 1 core fiber, you can link 4 cameras with each channel of one composite video, audio and data control.

VS series enables you to link multiple cameras in series. It is especially helpful in long distance surveillance, such as street, airport and military, to reduce the cost of installation and cables.

## APPLICATION



\* Installation should follow its ordinal number.

## Ordering Information

Model*	Standard	On 1 Fiber			Suggested Receiver
		Video	Audio	Data	
VS201	Fiber Video Node	1	0	0	VR401D(2~4 cameras)
VS211**	Fiber Video Node	1	1	0	VR401D(2~4 cameras)
VS231**	Fiber Video Node	1	1	1	VR431D(2~4 cameras)
VDT201***	Data Control Unit	0	0	1	VDR201(RS232/485/422)

\* CWDM type in option.

\*\* Please contact ViiTA for availability.

\*\*\* Before VS231, you can use one more fiber and data control unit to realize the control function.

## SPECIFICATION

Optical	
Fiber Type	Single mode (9/125μm)
Wavelength TX/RX	≥1310 nm
Output Power TX	0 ~ -4 dBm
Effective Distance	Between cameras: 3 km Between last camera and the receiver: 10 km
Optical Connector	SC connector for signal in FC connector for signal out

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	< 3W (VS201)
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

