

VDS (VIDEO MODEM SYSTEM)

VDS2100 / VDS2200

VDS can simultaneously transmit real-time image and sound by using only one Coaxial Cable in NTSC and PAL TV format no matter where AV signal of CCTV, VCR, VCD players or CCD camera are from. No extra power cable needed, it makes surveillance in factories, schools, banks, business, home and store more convenient, effective and easy to install.



VDS2100 Sender

- Receive in AV signal from camera
- Encoded AV signal into Inter-Carrier
- Inter-Carrier is transmitted out through LINK OUT port
- Used standard DC Jack with outer 5.5 mm and inner 2.0 mm in DC OUT (12V/0.5A)
- Video Input 75 W, 1.0 Vp-p, NTSC/PAL compatible
- Audio input 10 KW internal load, 1.0 Vp-p
- DC OUT provide 12V, 0.5A to camera device
- Link Output (with DC in): Inter-Carried Signal Output, DC input 27V max

VDS2200 Viewer

- Inter-Carrier is received by LINK IN port
- Decoded Inter-Carrier into AV signals
- Send out AV signal to TV's AV Mode or security monitor
- Video output 1.0 Vp-p/ 75W , NTSC/PAL compatible
- High resolution. NTSC 480 lines, PAL 500 lines
- Audio output 1.0 Vp-p-, 600W internal impedance
- Use standard DC jack with outer 5.5 mm and inner 2.0 mm in DC IN
- DC input 18~27V



Power Adapter PD-102

- High efficiency
- Adjustable DC voltage
- Lighter weight and smaller size
- Universal Voltage Input 85V~270V AC
- Sufficient and stable current (0.75 A)
- Provides 2 pins or 3 pins of power cord when you required

SPECIFICATION

Coaxial Cable	W/O DC Current Loading
RG-6/U	1500ft/500M
RG-59/U	1200ft/400M
5C-2V	1500ft/500M
3C-2V	800ft/270M

Coaxial Cable	DC Loading Current in Remote Site		
	200mA	300mA	500mA
RG-6/U	*1500ft/500M	1200ft/400M	750ft/250M
RG-59/U	900ft/300M	600ft/200M	400ft/130M
5C-2V	*1500ft/500M	*1500ft/500M	*1500ft/500M
3C-2V	800ft/270M	800ft/240M	720ft/240M

DC Current Loading in Remote Site (+12 VDC Out)	Transmission Distance			
	150ft/50M	300ft/100M	600ft/200M	1500ft/500M
200 mA	<18V	19V	21V	27V
300 mA	18V	19V	22V	-
500 mA	18V	21V	26V	-

Transmission distance for VDS with DC Current Loading will not be longer than distance for VDC W/O DC Current Loading

VDS System Connection

