

D800-T/R-20

Applications

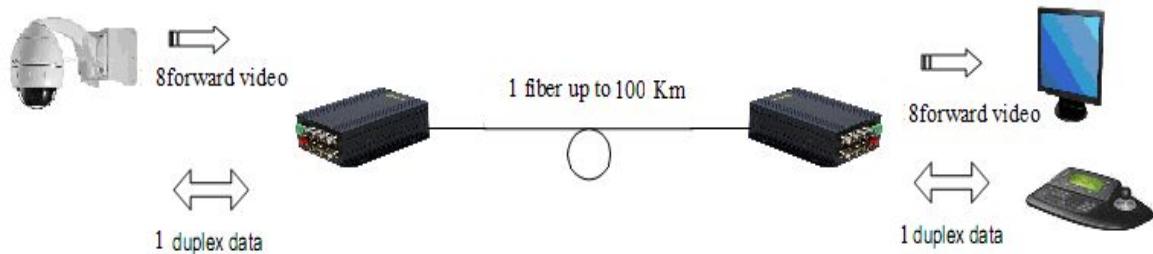
- *CCTV networks
- *video conferencing
- *Industrial monitoring systems
- *Distance learning



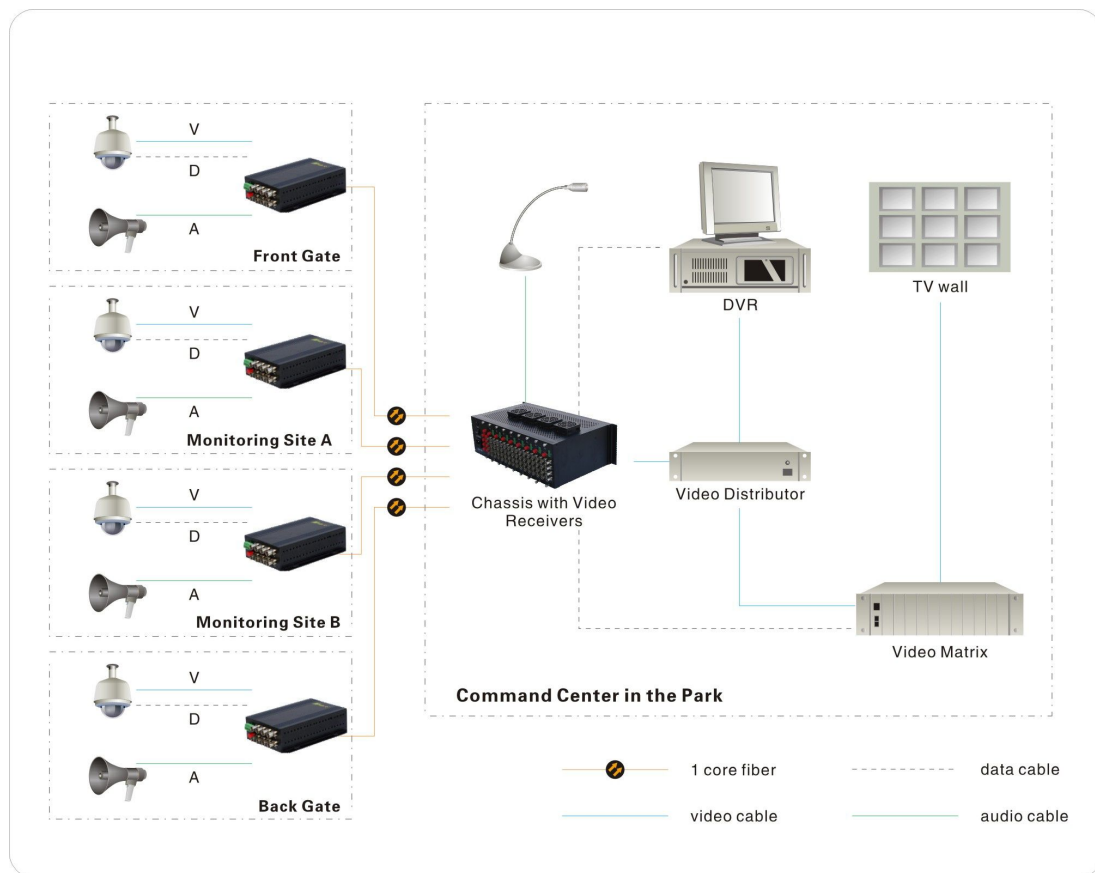
Features and benefits

- * uncompressed 8 bit video and 24bit audio encoding, High-speed synchronous digital transmission technology
- * Fiber optic transmission of eight video signals on one fiber which may be one way with the video or optionally duplex.
- * Super optical dynamic range, no adjustment needed
- * Status indication for power supply, optical signal and video
- * No electromagnetic interference, radio frequency interference and ground current
- * Safe transmission guaranteed under poor electromagnetic environment
- * Maximum tolerable link loss for single mode single fiber is 18db
- * Range of up to 100km is possible with optional 1550nm operation
- * Optional duplex operation over one fiber
- * Video bandwidth of 6.5 MHz, SNR>63dB
- * Radiation: EN50081-1, EN55022-B, CE, FCC
- * Magnetic capacity: EN50130-4, EN50028-1

Typical Application:



Application:



Channel availability

(specify at time of order)

	Forward Path	Reverse Path
Number of video channels	4 or 8	0
Number of data channels	1 or 0	1
Number of optional audio channels*	0 to 8	0 to 8
Number of optional data channels*	0 to 8	0 to 8
Number of optional Ethernet interface	1 channel	

Electrical

Video :

Input/Output Impedance	75 Ω composite
Input/Output Level	1Vp-p nominal
Video connectors	BNC
Bandwidth(± 0.5 dB)	5Hz to 6.5MHz
Signal to Noise Ratio	>63dB
Linearity	<1.3%DG<1.3° DP

Optical

Transmitter wavelength :	1310nm or 1550nm
Transmitter couple power :	Several options are available from 4dB to -4dB
Receiver sensitivity :	<-26dB
Optical Connectors :	ST,FC and SC are optional
Link budget :	From 22dB to 30dB at 1310nm or 1550nm
Fiber type :	single mode fiber, Single fiber
Transmission distance :	single mode 100Km

Note: Many combinations of laser types and levels and receiver types and sensitivities are possible.

Contact N-NET for details

*It is also possible to configure the unit as 8 audio,0 data or 0 audio,8 data.

Physical characteristic

Input voltage:	AC220/DC+5V
Operating temperature:	-25°C ~ +75°C
Relative Humidity:	0~95% (non-condensing)
Induction:	EN50130-5, 1995
Tidal fever:	BS2011

Dimension: 2 layer: 110mm(W)×174mm(D)×47mm(H)

4 layer: 135mm(W)×182mm(D)×84mm(H)

6 layer: 135mm(W)×182mm(D)×125mm(H)

*firmware for installation no included

Chassis Current Consumption 0.95Amp for 8 channel video