

1V 1E DM

M110-32 Series

1ch Video & 1ch Emergency Phone Transceiver



< M110-32xx >



- Composite (NTSC, PAL, SECAM,RS-170,CCIR)
- Video bandwidth : 5Hz ~ 10MHz
- Video Signal to Noise : > 65dB
- Audio Bandwidth : 150 Hz ~ 5 kHz
- Audio Singnal-to-Noise : >60 dB
- Transmission distance up to 85km(at 1550nm SM)
- Ambient operating temperature : -20~70°C
- NMS status monitoring, GUI interface package



M110 Series Video/E-Phone Link

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CCTV

85KM

M110 Series Video/E-Phone Link

AM

FM

, 19" Rack

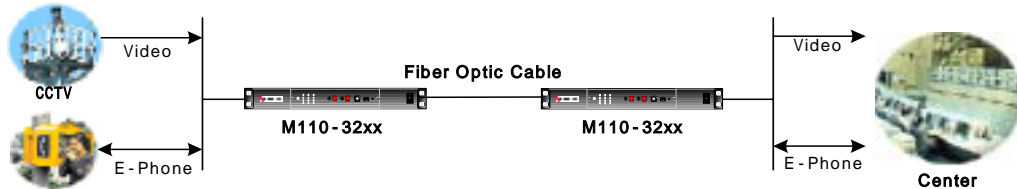
Rack Line Card

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, NMS

1U

➤ System



				Power Budget	
Multi Mode	M110-32WA-C0 M110-32WB-D0	1ch Video Transmitter, 1ch E-Phone Transceiver -1310/1550nm 1ch Video Receiver, 1ch E-Phoner Transceiver -1550/1310nm	1	15dB 6dB	2Km
Single Mode	M110-32WA-C2 M110-32WB-D2	1ch Video Transmitter, 1ch E-Phone Transceiver 1310/1550nm 1ch Video Receiver, 1ch E-Phone Transceiver 1550/1310nm	1	12dB 8dB	25Km
	M110-32WA-C5 M110-32WB-D5	1ch Video Transmitter, 1ch E-Phone Transceiver 1310/1550nm 1ch Video Receiver, 1ch E-Phone Transceiver 1550/1310nm	1	22dB 15dB	50Km
	M110-32WA-C8 M110-32WB-D8	1ch Video Transmitter, 1ch E-Phone Transceiver 1310/1550nm 1ch Video Receiver, 1ch E-Phone Transceiver 1550/1310nm	1	36dB 23dB	85Km

Cominet Fiber Optic Link



Specifications	Transmitter-Transceiver (M110-32x-xx)		Receiver-Transceiver (M110-32x-xx)	
	WA-C0	WA-C2, 5, 8	WB-D0	WB-D2, 5, 8
Optical Specifications				
Fiber Type	Multi-Mode	Single-Mode	Multi-Mode	Single-Mode
Number of Fiber	1 fiber		1 fiber	
Wavelength(nm)	1310/1550		1510/1310	
Max Distance(km)	2	25, 50, 85	2	25, 50, 85
Connector	ST or SC(FC – Option)			
Video Input/Output Signal Specifications				
Number of Channels	1 channel			
Video Input/Output Signal	1V _{p-p} (75 Ohm) Composite (NTSC, PAL, SECAM, RS-170, CCIR)			
Bandwidth	5Hz ~ 10MHz			
Differential Gain	<1%			
Differential Phase	<1°			
Signal-Noise	> 65dB			
Connector	BNC			
Emergency Phone Specifications				
Number of Channels	1 channel			
Audio Input/Output	Standard Touchtone Telephone			
Bandwidth	150 Hz ~ 5 kHz			
Signal-to-Noise	>60 dB			
I/O Impedence	600 ohms balanced			
Connector	RJ-11			
Power Specifications				
Input Voltage	7~25Vdc or 110~240Vac			
Power Consumption(W)	7.5			
Connector	Terminal Block			
Environment Specifications				
Operating Temperature	-20°C ~ 70°C			
Storage Temperature	-40°C ~ 85°C			
Humidity	0% ~ 95%(Non-Condensing)			
Physical Specifications				
Dimension(LxWxH)	Standalone type : 180.5x118.2x39.5(mm) Rack mountable type : 19" width, 1U height Line-card type : 3U height			



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