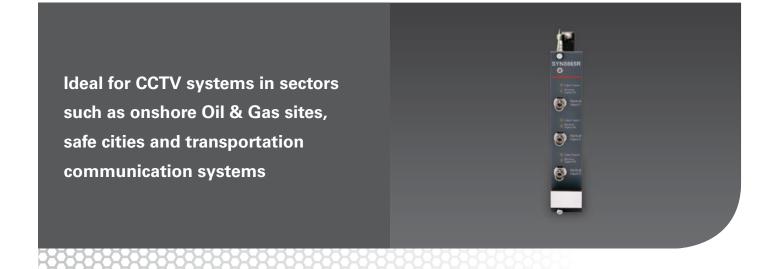
SYN-8865 Digital Triple Video Receiver Card



Very high performance surveillance systems where high resolution or long transmission distances are required.

Features

- 3 video receivers built on one card
- Broadcast quality 10 bit video, bandwidth of 10MHz
- Works with SYN-8815T over an operating range of at least 3 km on multimode, 30 km on singlemode with greater than 100 km possible on singlemode with optional optical devices
- Performance is maintained at the same high quality over all link lengths
- Adjustment-free receiver operation
- Provide many channels of video reception in a compact 19" rack mounting configuration (usually in control room)



Specifications

ENVIRONMENTAL

-20°C to +75°C Operating Temperature Relative Humidity 0 to 95% non-condensing

MECHANICAL

Card Dimensions (W \times D \times H) 25 x 208 x 100 mm Card Weight 200 g

ELECTRICAL

ELEGITIOAL		
Power Requirements	+9 to +24Vdc @ 5VA	
Chassis Current Consumption (CCC)	0.40 Amp	
Number of Channels	3	
Output Impedance	75Ω	
Output Level	1Vpp nominal	
Output Interface	Composite via BNC Connector	
Bandwidth	5Hz to 10MHz ±1dB	
Weighted Signal to Noise Ratio	>65dB at all receive levels over full dynamic range	
Differential Gain	<0.7%	
Differential Phase	<0.7°	

OPTICAL

Optical Connectors ST standard, others optional Fibres Required 1250 – 1610 nm Operating Wavelength Receiver Sensitivity <-28dBm Receiver Saturation >-3dBm >3 km multimode (fibre bandwidth limited) Link Distance when working with SYN-8815T >30 km singlemode (fibre loss limited)

INDICATORS

Video Present x 3 Indicators Receive Signal OK x 3

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