



**IVR/T-010SMS**

**Video Receiver / Transmitter**  
**1 Channel Input Fibre Optic for**  
**Single-mode and Multi-mode applications**

**5 YEAR WARRANTY**

- FEATURES**
- 8-Bit Uncompressed Digitally Encoded Video
  - 1 x Video Channel High Resolution Transmission over a Single Fibre
  - Up to 2km distance of Multi-mode Fibre
  - Up to 30km distance of Single-mode Fibre
  - No need of adjustments, just an easy installation and operation
  - NTSC, PAL and SECAM compatible Video standards
  - Easy system monitoring via LED indicators

**SPECIFICATIONS**

Video output	1 Channels, 1 Volt p-p, 75 Ohm
Bandwidth	5Hz - 8MHz
Encoding	Uncompressed 8-bit digital
Differential gain	< 2%
Differential phase	< 0.6°
Tilt	< 1%
S/N ratio	67 dB
Connector	BNC
Optical input	1310nm Singlemode; 1310 Multimode
Receiver sensitivity	-30 dBm; 30km Singlemode; 2km Multimode
Connector	ST
Number of fibres	1
Operating temperature	-30°C ~ 50°C
Operating humidity	Non-condensing 0% ~ 95%
Power supply	5Vdc 300mA (external 220Vac PSU supplied)
Dimensions (mm)	119 x 135 x 36



**IVR/T-040SMS**

**Video Receiver / Transmitter**  
**4 CH Input Fibre Optic with 2 Bi-Directional**  
**Data Channels for Single-mode applications.**  
**Size: 209 x 202 x 29 mm / Power: 5Vdc 300mA**

**5 YEAR WARRANTY**

- COMMON FEATURES**
- 8-Bit Uncompressed Digitally Encoded Video
  - 4/8/16 x Video Channels and 2 x Bi-directional Data Channels over a Single Fibre
  - 1 x Bi-directional RS232 channel
  - 1 x Bi-directional RS-485 / RS-422 channel
  - Up to 30km distance of Single-mode Fibre
  - No need of adjustments, just an easy installation and operation
  - NTSC, PAL and SECAM compatible Video standards
  - Easy system monitoring via LED indicators
  - Wavelength Division Multiplexing



**IVR/T-080SMS**

**Video Receiver / Transmitter**  
**8 CH Input Fibre Optic with 2 Bi-Directional**  
**Data Channels for Single-mode applications.**  
**Size: 204 x 200 x 55 mm / Power: 12Vdc 1A**

**5 YEAR WARRANTY**

**SPECIFICATIONS**

Video input / output	4/8/16 Channels, 1 Volt p-p, 75 Ohm
Bandwidth	5Hz - 8MHz
Encoding	Uncompressed 8-bit digital
Differential gain	< 2%
Differential phase	< 0.6°
Tilt	< 1%
S/N ratio	67 dB
Connector	BNC
Channel 1	RS-485 / RS-422
Channel 2	RS-232
Data rate	100Kbps
Bit Error Rate	10
Connector	8-way removable screw terminal
Optical emitter	Laser
Optical output	1310/1550nm Single-mode
Output power	-8 ~ -13 dBm; 30km Single-mode
Receiver sensitivity	-30 dBm; 30km Single-mode
Connector	ST
Number of fibres	1
Operating temperature	-30°C ~ 50°C
Operating humidity	Non-condensing 0% ~ 95%
Power supply	(external 220Vac PSU supplied)
Dimensions (mm)	19inch x 1U x 200



**IVR/T-160SMS**

**Video Receiver / Transmitter**  
**16 CH Input Fibre Optic with 2 Bi-Directional**  
**Data Channels for Single-mode applications.**  
**Size: 19inch x 1U x 200mm / Power: 12Vdc 1A**

**5 YEAR WARRANTY**

**SPECIFICATIONS**

Video input / output	4/8/16 Channels, 1 Volt p-p, 75 Ohm
Bandwidth	5Hz - 8MHz
Encoding	Uncompressed 8-bit digital
Differential gain	< 2%
Differential phase	< 0.6°
Tilt	< 1%
S/N ratio	67 dB
Connector	BNC
Channel 1	RS-485 / RS-422
Channel 2	RS-232
Data rate	100Kbps
Bit Error Rate	10
Connector	8-way removable screw terminal
Optical emitter	Laser
Optical output	1310/1550nm Single-mode
Output power	-8 ~ -13 dBm; 30km Single-mode
Receiver sensitivity	-30 dBm; 30km Single-mode
Connector	ST
Number of fibres	1
Operating temperature	-30°C ~ 50°C
Operating humidity	Non-condensing 0% ~ 95%
Power supply	(external 220Vac PSU supplied)
Dimensions (mm)	19inch x 1U x 200