

IVA-01R
CCTV Composite Video Opto Isolator

Product Features

- Optically Isolated
- Optical isolation up to 3750Vrms for 1 minute
- 17MHz bandwidth
- Eliminates video ground loop faults
- Eliminates ground loop video tearing and hum-bars
- Effective protection against transients
- Effective protection against earthing potential fluctuations between camera and recorder
- Power and video indicators
- Ultimate CCTV lightning protection



Video Isolator	IVA-01R
Product Description	Optical Isolator for Composite Video
Technical Specifications:	
Video Isolation:	
Isolation:	3750Vrms for 1 minute
Maximum working isolation voltage:	$V_{IDRM} = 1414 V_{PEAK}$
Transient immunity:	8000V _{PEAK}
Transient overvoltage time:	$T_{NI} = 10 \text{ sec}$
Gain:	2
Bandwidth:	17MHz
Video Input:	
Video input:	1 Volt p-p, 75 Ohm
Connector:	BNC
Video Output:	
Video output:	1 Volt p-p, 75 Ohm
Connector:	BNC
Gain adjustment:	Manual (Potentiometer)
General:	
Power supply:	12Vdc supplied by IVA-016R
Operating temperature:	-20°C to 70°C
Operating humidity:	0% to 95%; non-condensing
Dimensions (mm):	Cage card for IVA-016R

* Product specifications are subject to change without notice



science



functionality



global standards



creative technology