



SciTrue – – An Expert of Slip Ring

HDV Slip Ring

Description

- ▲ HD video slip-ring provides transmission of combination of 10M/100M/1000M Ethernet, SD-SDI, HD-SDI@1080P (25Hz, 30Hz, 50Hz, 60Hz), DVI, HDMI, Camera Link between for two counter rotating platforms
- ▲ The Channels(rings) are arranged in axial direction, adopting multi-points Gold-Gold contact of brush bundle, with small contact resistance and resistance fluctuation, small friction coefficient and good wear-resisting property.
- ▲ Possible for Center Thro Bore
- ▲ Power and signal loops are isolated and shielded



Features

- ◆ Unity Structure Small Size
- ◆ High reliability of signal transmission
- ◆ Optional integrated with optical fiber, fluid , RF rotary joints
- ◆ Maintenance-free in life cycle

Typic Application

- ◆ Radar
- ◆ Optoelectronic system
- ◆ Fire terrace
- ◆ Reconnaissance system



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Operating Parameters

Items		Standard	Special
Environmental	Enclosure	IP40	IP67
	Temperature	-40°C~+80°C	
	Humidity	>95%	100%
	Signal Mode	10M/100M/1000M Ethernet , SD-SDI、HD-SDI@1080P(25Hz、30Hz、50Hz、60Hz)、DVI、HDMI、Camera Link	
	Rotary rate	0~100rpm	200rpm
	Center Thro Bore	≤80mm	
	Life (reference)	≥1000 M. R	≥2000 M. R
	As difference of product size and application environment, product life is for reference only, Consult to factory.		
For specifications of power, LF signal, FORJ, and liquid (gas), Reference to relevant product data sheet			

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