Features:

- Support 25 / 30 / 50/ 60fps@720P
- Support customization and OEM

OverView:

ITT-SR4815 coaxial HD series video optical transceiver is specially designed for long-distance optical fiber transmission of hdcvi / ahd high-definition composite video. The product adopts non compressed digital coding and high-speed photoelectric conversion technology, and uses single-mode single fiber to transmit 8-channel 720p megapixel high-definition video. It has the advantages of no delay transmission, no damage to picture quality and easy control. Aluminum alloy shell, solid structure, easy to use, wide working temperature range, good reliability, suitable for park, road, factories, mines, buildings and other monitoring scenarios.

Features:

➢ Support 25 / 30 / 50/ 60fps@720P

➢ All interfaces adopt three-level anti-static and lightning protection

➢ With ultra wide optical dynamic range and advanced adaptive technology, the longest transmission distance can reach 80km

➢ Surface mount device ensures small volume, high stability and high reliability

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➢ Low electromagnetic interference (EMI), radio frequency interference (RFI) and common ground loop interference

➢ Rich LED indicator, diagnosis indication

➢ Plug and play, support hot plug

➢ It has the advantages of small size, low power consumption, strong anti-interference ability and high fidelity

➢ Support customization and OEM

Specifications:

Basic parameters	Physical interface	FC interface, single mode single fiber
	transmission distance	0-20km
	Input / output wavelength	Transmitter: 1310nm transmit, 1550nm receive; receiver: 1550nm transmit 1310nm receive
Technical index	Video signal	720p 25 / 30 / 50 frames
	Input level	>500mVp-p
	Output level	1Vp-p
	Automatic cable equalization	1080p:75-5 axis support 300m 720p:75-5 axis support 500m
	Input output impedance	75ohm
	Physical interface	BNC interface
	Vidoe input	8
	Video outpot	8
	Video bandwidth	40MHz
	Sampling bandwidth	10bit
Control technical indicators	Baud rate	1200-9600bps
	error rate	<10-9
	Working mode	Half duplex
Network indicators	Physical interface	RJ45
	Working mode	10 / 100Mbps adaptive Ethernet
Other specifications	indicator light	Light link, power supply, data, video source indicator
	Size(mm)	170*128*28mm
	power	DC5V 2A
	power waste	≤8W
	Operating humidity	10%－90%
	working temperature	－30℃-70℃
	Installation mode	Wall mounting