



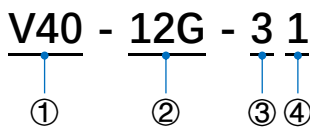
V40 is a portable multi-purpose optical transmission device with compact size and reliable performance. It provides four independent 12G-SDI channels, one serial communication channel, one gigabit ethernet, one synchronization and four GPIOs. It is perfectly suitable for the transmission of various signals in live production, and can be adapted to the whole series of INCAM micro cameras and remote control heads.

V40 can be connected by single-mode fiber, or uses optional power supply unit to connect on SMPTE hybrid cable, and supply power to remote device at the same time.

Features

- ⊙ 1RU half-width compact size with AC/DC redundant power supply
- ⊙ Compatible with common single-mode fiber, transmission distance up to 10 km
- ⊙ Independent video transmission channels with re-clocking and cable equalization, all input/output processing passed Pathological test
- ⊙ Serial communication channel supports RS-422 and SONY camera control protocol
- ⊙ Optional power supply unit can supply 100W power to remote device up to 1 km away
- ⊙ Optional video expand unit supports third-party optical transmission equipment by Duplex CWDM technology

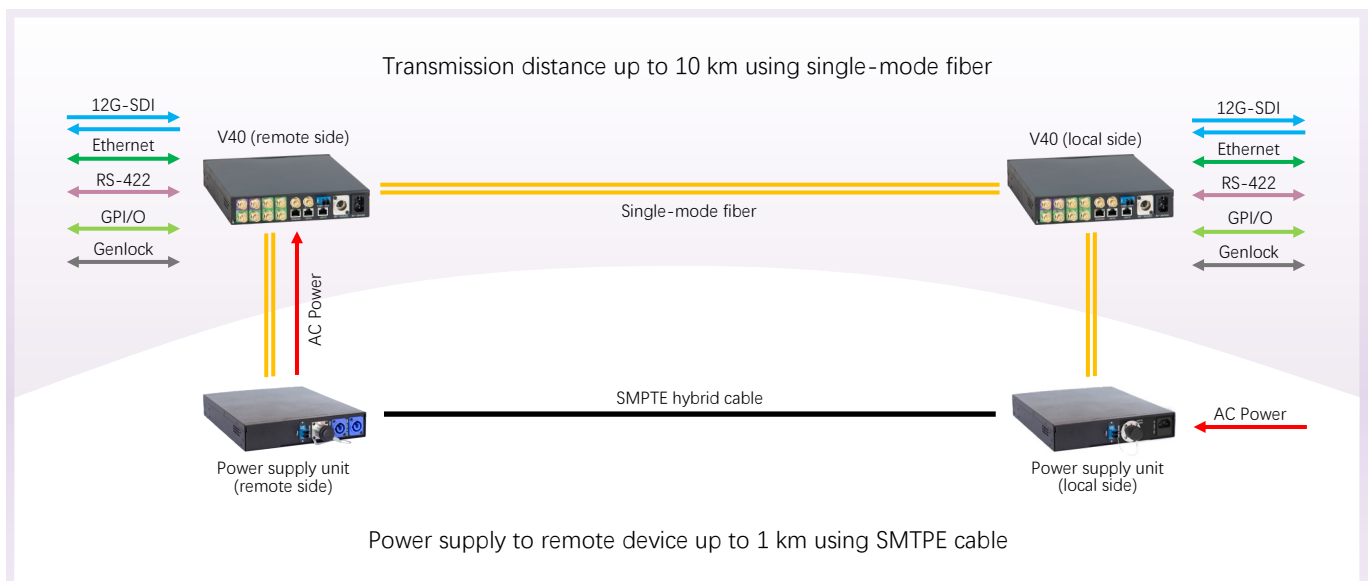
Model Instructions



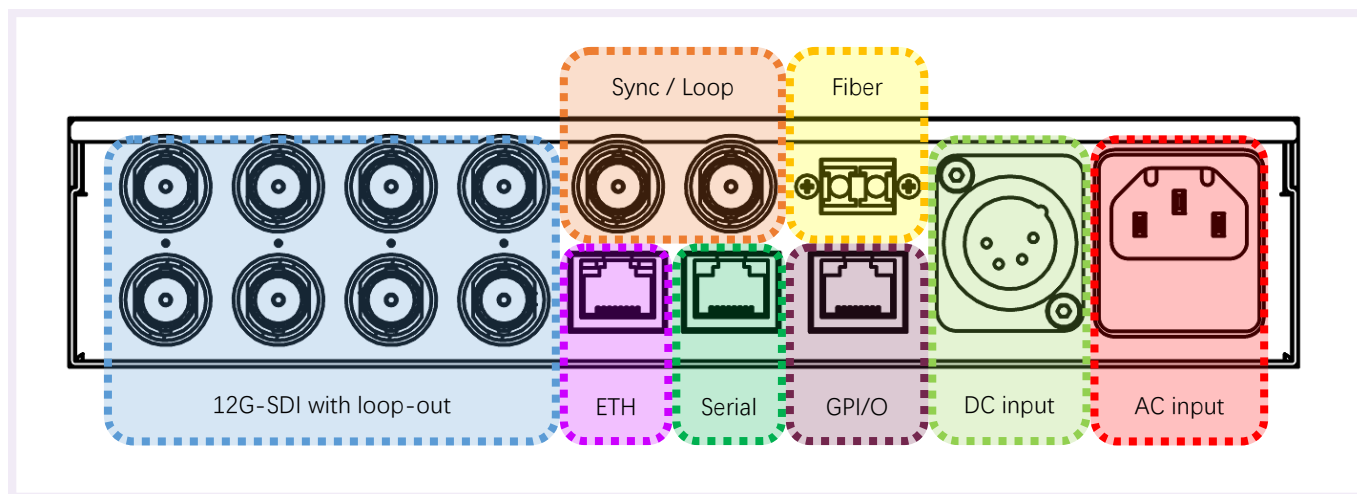
- ① **Model Type:** V40 series
- ② **Compatible video format:** 3G or 12G
- ③ **Number of input channel:** 0 to 4
- ④ **Number of output channel:** 4 to 0

The total number of input and output is not more than 4

系统配置



Rear Panel



Related Products



Power supply unit
PS-AC100



Multi-purpose transmission
V20-G1S2E1-IC



Power solution for camera
PS-EFP



Camera multiplexer
RP-C4-L

Technical Specifications

General	
Dimension	218mm×45mm×273mm
Weight	Approx. 1.5 kg
Power consumption	AC 100-240V, DC 9-16.8V, 30W
Operating temperature	0°C to 40°C
Operating humidity	20% to 80%
Connectors	
Ethernet	RJ45 (×1), 1000BASE-TX
Serial communication	RJ45 (×1), support SONY protocol
Synchronization	BNC (×1), Black burst, PAL/NTSC
GPIO	RJ45 (×1), 2 input 2 output
Optical	LC (x2)
Transmission distance	10km (Typical)

Video		
	12G-SDI	3G-SDI
Connectors	BNC (×4), with loop out and re-clock	
Format	SMPTE ST 2082-1 SMPTE ST 2081-1	SMPTE 424M SMPTE 292M SMPTE 259M
Impedance	75Ω	
Amplitude	821mV	820mV
DC offset	0V±10mV	
Rising time	38ps	56ps
Falling time	37ps	52ps
Jitter Timing	0.58UI	0.12UI
Jitter Align	0.10UI	0.05UI
Cable EQ	50m, Belden 4794R	100m, Belden 1694A

Design and specification are subject to change without notice.