

SC-SCP1001D/04DH/8D

HD/EX-SDI + Power + Control Data Transmission Kit

SC-SCP1001D / 4DH / 8D is an SDI long distance transmission kit that transmits SDI signals, power and RS-485 control data over a single coaxial cable. The transmission range can be extended by using a unique repeater (SC-HLR01D). It is useful and convenient in terms of installation and maintenance due to the simultaneous transmission of SDI + Power + Control data over 1 coaxial cable.

Features

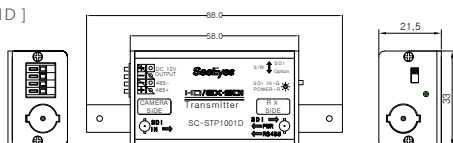
- SDI + Power + control data (RS-485 one way, UTC) transmission via 1 single coaxial cable
- HD-SDI, EX-SDI1.0 / 2.0 / 2.1 input
- Remote transmission for EX-SDI1.0 / 2.0 / 2.1
 - EX-SDI2.0-Basis, max.600m (with RG-6)
- Supplies an SDI camera with power (10W / DC12V)
- Self-diagnosis function for safe power transmission
- The transmission range can be extended by using a SeeEyes repeater (SC-HLR01D).
- Cost-effective and easy installation solution (30 ~ 50% cost savings)
- No expensive optical or HDMI cables required
- Built-in surge protection circuit

Specifications

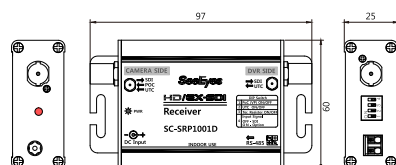
MODEL	SC-STP1001D (1CH Transmitter)	SC-SRP1001D (1CH Receiver)
Input signal	HD-SDI, EX-SDI 1.0/2.0/2.1/3.0	
Output signal	HD-SDI, EX-SDI 1.0/2.0/2.1/3.0	
Input power	COAX DC 48V	DC 48V/1.0A
Power consumption	(VP DC48V IN)	0.5W(idle Mode)
Max. transmission distance (RG-6)	HD-SDI : 200m EX-SDI 1.0 : 400m EX-SDI 2.0 : 600m EX-SDI 2.1 : 400m	
Power output (MAX)	DC12V/0.83A (10W)	COAX DC 48V
Connection Port	SDI In/Out	BNC-F(75Ω)
	Power In/Out	2Pin T. Block out of 4P
	RS-485 (one-way)	2Pin T. Block
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%	
Case body / Weight	Aluminium / 56g	Aluminium / 110g
Dimensions(mm)	88(W) x 33(H) x 21.5(D)	103(W) x 60(H) x 25(D)
MODEL	SC-SRP1004DH (4CH Receiver)	SC-SRP1008D (8CH Receiver)
Input signal	HD-SDI, EX-SDI 1.0/2.0/2.1/3.0	
Output signal	HD-SDI, EX-SDI 1.0/2.0/2.1/3.0	
Max. transmission distance (RG-6)	HD-SDI : 200m EX-SDI 1.0 : 400m EX-SDI 2.0 : 600m EX-SDI 2.1 : 400m	
Connection Port	SDI In/Out	BNC-F(75Ω)
	AC Input	3Pin INLET
	RS-485	2Pin T. Block
Power consumption (Idle Mode)	5W	10W
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%	
Input power	~ AC 100 ~ 240V, 50/60Hz	
Case body / Weight	Steel / 3.5Kg	Steel / 4Kg
Dimensions(mm)	310(W) x 44(H) x 200(D)	430(W) x 44(H) x 350(D)

Dimensions

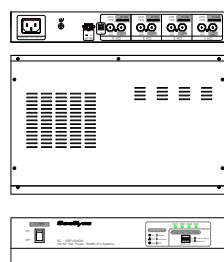
[SC-STP1001D]



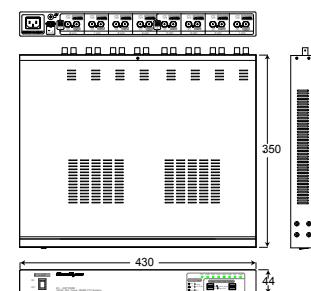
[SC-SRP1001D]



[SC-SRP1004DH]



[SC-SRP1008D]



NEW

[SC-STP1001D - 1-ch Tx.]



NEW

[SC-SRP1001D - 1-ch Rx.]



NEW

[SC-SRP1004DH - 4-ch Rx.]



NEW

[SC-SRP1008D - 8-ch Rx.]

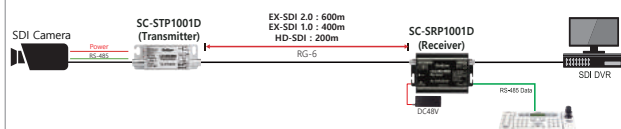


Set Composition

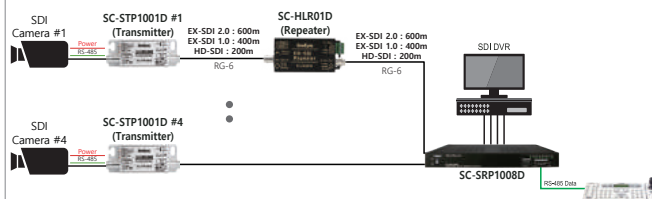
Model	SET
SC-SCP1004DH	SC-STP1001D x 4EA / SRP1004DH x 1EA
SC-SCP1008D	SC-STP1001D x 8EA / SRP1008D x 1EA

Application Diagram

■ SDI + Power + RS-485 data transmission over one coaxial cable



※ Supply power to SDI camera (DC12V/Max.10W)



※ If the DVR supports UTC functions, it is possible to manage PTZ and OSD menu of the camera without separate RS-485 connection.

※ The transmission distance may vary, depending on cable/connector types and quality