

SOMCAM-2S

Serial WDR Camera 2.0 Mp



Spinel SOMCAM-2S Camera is a high-end serial day-light camera which can be attached to any host system that requires a JPEG compressed still camera for embedded imaging applications. It provides color images down to an illumination of 0.0005 Lux. The camera uses a 1/2.7" CMOS color image sensor along with a JPEG compression chip that provides a low powered camera system. The camera has an on-board serial interface (TTL/RS232/RS485) that is ideal for direct connection to the Sommer Messtechnik MRL-7 data logger.

Versions

Art	Version
21735	Weatherproof low light WDR serial color camera 2.0 Mp, 6 mm lense

Scope of delivery

Name
SOMCAM-2S
Mounting bracket
Grounding wire

Accessories

Art	Accessory
21738	Universal pole mount PFA-152E for serial camera SC20MPF

Specifications

	Standard	Custom Options
Image Sensor	1/2.7" CMOS	-
Resolution	2 Mega Pixels	-
Image Format	Still JPEG compressed ONLY	-
Image Size	1920x1280 (Default)	4:3 images: 1600x1200, 1600x1024, 1280x1024, 1280x960, 1280x800, 1024x768, 800x600, 640x480 16:9 images: 1280x720, 1600x900, 1440x810, 1366x768, 1024x576, 960x540, 800x450, 640x360, 480x270
Serial Interface	TTL	RS232/RS485
Shutter Type	Electronic rolling	-
Protocol & Connection	Spinel SXH protocol V3.0	-
Baud Rate (Default)	115200bps	57600bps, 38400bps, 19200bps, 9600bps
Focus	Fixed	Manually adjustable
Focusing Range	20mm to infinity	-
Lens	6mm	-
Minimum Illumination	0.0005LUX	-
IR-Cut Filter Switch (Auto Switch)	Yes	-
Supplemental Illumination	Default 4pcs white light LED arrays for color night images	4pcs 850nm IR LED arrays for B&W night images
Night Vision	Up to 100 meters (330ft)	-

	Standard	Custom Options
Power Supply	5-28V DC, typically 12V DC	-
Data Cable	4m cable with 4 bare wires: - Red 12V - Black GND - White TX or A - Yellow RX or B	-
Protection rating	IP67	-
Power Consumption	Typical<80mA, Max<400mA	Max<900mA for optional IR LED version
Operating Temp.	-40°C ... +85°C (-40 ... 180°F)	-
Storage Temp.	-45°C ... +90°C (-58°F ... 194°F)	-
Dimension W x H x D	90 x 85 x 193 mm	-
Weight	Approx. 800 g (1lbs 8oz)	-