



SOMCAM-2S

Serial WDR Camera 2.0 Mp

The SOMCAM-2S Camera is a serial 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-data logger family.

Features

- Colour images down to 0.0005 Lux
- MRL-7 data logger for automatic image recording and transmission
- Water proof (IP66)
- Compact size

Fields of application

- Monitoring of measurement sites and weather conditions
- Flood warning
- Monitoring of icing on structures and buildings

See [here](#) for an application example.

Technical details

- **Image Sensor** 1/2.7" CMOS
Resolution 2 Mega Pixels
Image Format Still JPEG compressed
- **Serial Interface** TTL RS232/RS485
- **Focusing Range** 20mm to infinity
Lens 6mm
Minimum Illumination 0.0005LUX
- **Power Supply** 5-28V DC, typically 12V DC
- **Protection rating** IP66
Power Consumption Typical<80mA, Max<400mA
OperatingTemp. -40°C ... +85°C (-40 ... 180°F)
Dimension W x H x D 90 x 85 x 193mm