

Cost-effective solution to log and transmit data over geostationary environmental satellites.

- **Features**
  WiFi, USB-Device, Satellite, Data Logger

- **Product highlights**
  Geostationary satellite transmitter; NESDIS GOES CS2.0 certified; LinkComm built-in templates for configuration; SDI-12 ports (up to 32 sensors connected); compliant with SDI-12 v1.3 specification; tipping bucket input; equation engine; local access to data and configuration via WiFi and USB; remote access via mobile communication (with external modem)

- **Application fields**
  Ground Water, Surface Water Level / Flow, Water Quality, Meteorology and Climatology, Flood Warning

- **IP-Communication**
  Yes

- **Sensor interfaces**
  SDI-12, RS-232, WiFi, USB

- **Communication**
  Self-timed of random transmission via GOES 300 BPS (CS 2.0 Specification) and GOES 1200 BPS (CS 2.0 Specification); METEOSAT (coming soon)

The SUTRON SatLink3 Lite is the latest addition to the SatLink3 family. It offers a reliable and cost-effective solution for your environmental monitoring needs, optimized for

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simple applications. It allows measuring, processing, and logging data from smart sensors for up to 1 million readings without any overlap. Its built-in transmitter automatically selects the proper RF power, based on the antenna used, and delivers real-time data over NESDIS GOES 300 and 1200 bps as well as formats of other environmental satellites orbiting the globe.

LinkComm, the common operating software across the SatLink3 family, has built-in sensor templates, powerful dashboard, and diagnostics capabilities. Its intuitive user interface allows quick configurations, troubleshooting, and easy access to data. It is supported on PC, smartphones, and tablets (iOS, Android, Mac or Windows 7 and 10).

Technical Features	
Operating voltage	9 to 20 VDC
Operating Temperature	-40°C ... +70° C / -40°F +158°F
Physical Dimensions L x W x H	18.3 x 12 x 4.9 cm / 7.2 x 4.7 x 1.9 in
Weight	0.74 kg / 1.7 lbs
Quiescent Current	< 2 mA typ @ 12.5VDC
RF Output Power	1.25 to 14W depending on telemetry settings
RF Output Connector	N-type (F)
SDI-12 Independent Channels	2
SDI-12 Compliance	V1.3 logger
Tipping Bucket	Precipitation rate and accumulation
Connections - GPS input	SMA (F)
Connection - RS232	DB9 - Modbus Master and Slave
Connections - USB (OTG Device)	USB Micro AB
Connections SDI-12	Dual Independent SDI-12 ports

Certificates	
NESDIS	Meets GOES DCS certification standard V2.0/CS2 over GOES 300bps, 1200bps, and CGMS 100bps
EUMETSAT	Coming soon

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