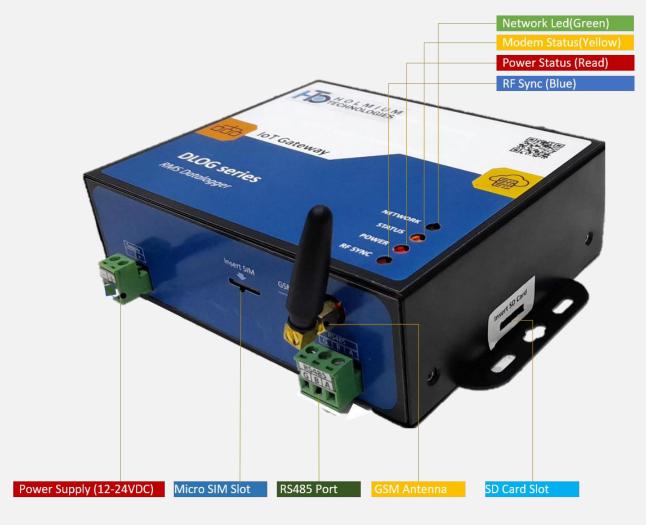


D-LOG 21X

D-LOG D-LOG21X series datalogger is ideal for remote monitoring of solar power Plant and weather station system. Weather Sensors can directly be connected to its analog input.



- ✓ A Microcontroller Based datalogger
- ✓ GSM/GBRS Based Monitoring
- \checkmark Analog Inputs for weather sensor
- ✓ Modbus RTU Support
- ✓ SD card data storage
- ✓ Remote configuration

Application:

- ✓ Rooftop/ Ground mounted Solar power plant for remote monitoring and third-party data sharing
- ✓ Weather Sensor measurement, datalogging and remote monitoring of weather station



D-LOG 21X

Technical Specification

Power Supply		Connectivity	
Voltage	12-24VDC	Antenna Gain	0-4 Dbi
Power Consumption	2W	Data Transfer Rate	GPRS- UPL/DL: 85.6 kbps
Max. Allowed Voltage	30VDC		
Analog Inputs			Configuration
No of Channels	4	Configuration Type	Remote Configuration
Measurement Range	0-5V, 4-20mA		From cloud server
ADC Resolution	10 Bits	Maximum Device	8 Modbus RTU Device
Sampling Rate	100 KSPS	Support	
			Data Storage
		Storage Type	Micro SD Card
Di	gital Inputs	Storage Capacity	16 GB
No of Channels	4		
Signal Voltage	LOW:0, HIGH:5V		
Protection	TVS Diode		Physical
Micro	Controller Unit	Encloser Type	MS Powder Coated
Controller	8-Bit AVR Series	Dimension	124x172mm
		Mounting	Wall mount
RAM	16kB	Weight	0.5kg
		Protection	IP51/ IP65(Optional)
Communication			Environmental
RS485		Operating	0°C to 85°C
No of Port	1	Temperature	
Protocol	Modbus RTU Master/	Storage	0° C to 90° C
	Sunspec Master	Temperature	
Baud rate	9600, 19200, 115200	Humidity	20 to 95 % RH non-condensing
Connector	Screw Terminal, 3.5mm		
	pitch		Protection
Wire Size	28-16AWG 1.5mm2	I/O Protection	ESD Protection on all Pins >4KV
Connectivity			
Connectivity Type	GSM/GPRS Based	Power Supply	Transient Voltage Suppression with
SIM Module	2G		400W peak pulse power capability
Frequency Band	Quad-band		
	850/900/1800/1900MHz		
SIM Card	Micro SIM		Certification
Antenna Type	SMA Antenna, 3m Wire	CE Compliance	