

Photon SolMon

Datalogger Specification Sheet



S No.	Aspect	Specification
1	Hardware	
1.1	Processor	64-bit quad-core ARM
1.2	RAM	1 GB LPDDR2 RAM at 900 MHz
1.3	Clock Speed	1.4 GHz
1.4	Power	Ultra low power, 1.5W avg; to 6.7W avg.
2	Hardware Interfaces	
2.1	USB	USB A
2.2	RS-485	For Modbus
2.3	RJ45	EIA/TIA-561 RJ45
2.4	Wifi	2.4 / 5 GHz single/ dual-band Wi-Fi (100 Mbit / s)
2.5	Bluetooth	Bluetooth 4.1 Low Energy (BLE)
3	Software	
3.1	OS	RT Linux variant
3.2	Database	mariadb MySQL
3.3	Files	.CSV
3.4	Protocol Support	TCP/IP, HTTP, SSL
4	Software Interface	
4.1	Ethernet	TCP/IP, IPv4
4.2	File Transfer	FTP
4.3	Schedule Email & SMS Reports/ Alerts	Custom Cloud based
4.4	Remote DB Connection Port	Secure login
4.5	Remote Access	SSH
4.6	HTTP Web data	Server/Client



Photon Energy Systems Ltd.

Solar Energy for today & tomorrow

Smart Systems Division

Contact: contactus@photonsolar.in Website: <http://photonsolar.in/smartsystems.php>