



MODEL 5381

Packaged Weather Station

General Description

The HydroLynx 5381 Packaged Weather Station combines the effectiveness of the standard ALERT 5081 Self-Reporting Weather Station with the utility of the 50386 transmitter. In addition to its multiple communication pathways, the 50386 features data analysis which allows data to be processed on site prior to transmission.

The standard 5381 consists of wind, temperature, humidity, barometric pressure and precipitation sensors; a 50386-81 Data Transmitter; a solar panel; interconnection cables and omni antenna. An RS232 programming port and SDI-12 sensor input port are standard.

Specifications

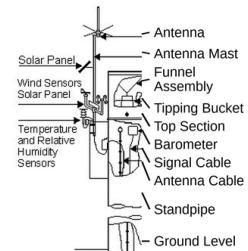
Height	12 ft., including rain gauge
Diameter	12 in.
Weight	80 lbs.
Shipping Weight	90 lbs.



Weather Station, San Bernardino County

Ordering Information

5381	Packaged Weather Station — includes:
5081SA	Standpipe Assembly:
5081SO	Standpipe
5081MX	Antenna Mast and Cross Arm
5050A	Omni Antenna, 3 dB
5081C-RG8	Antenna Cable with connectors
5081LR	Lifting Rope
50386-81	Transmitter with data logging
RTR	Radio Link (Specify radio and frequency)
5031-22	Gel Cell Battery, 22 AH, 12 Vdc
5033-0.6B	Solar Panel, Regulator, Mounting Bracket
5054TS	Rain Gauge Top Section, includes:
5050P	Tipping Bucket Assembly, Funnel and Screen
1522	Barometric Pressure Sensor
2048RH/T	Relative Humidity and Temperature Sensor in 4550 Shield
5050WS	Wind Speed Sensor
5050WD	Wind Direction Sensor



Options

5081D	Access Door for Standpipe	50386-OP4	6 Serial Port Expansion
5054SD	Slide-in Access Door for Standpipe with lock	50386-OP6	Internal Power Supply
5050LA	Antenna Lightning Protection	50386-OP14	Network Interface with Connector
5054SG	Standpipe Ground Kit	50386-OP21	Cellular Radio Modem
SAM160	Directional Antenna, 10 dB	50386-OP22	Iridium Satellite Modem
5073TBX	50386 Toolbox Software	50386-OP23	Wi-Fi Radio Modem
50386-OP2	10-Pin MS Female Digital Status Connector	Radio Options	
		Default	Maxon 5W with Enclosure
		Supported	Ritron 5W with or without Enclosure; Ritron 30W with Enclosure