

## Specification Sheet

### McCrometer CONNECT A757 addPULSE GSM/GPRS Field Station

## Features & Benefits:

### Cellular Technology

Ideal for frequent monitoring and reporting in remote areas

### Power Management

Includes a rechargeable 6.2V NiMH battery, extremely low-power usage, and ideal for use with solar power

### Versatility

This station has one pulse and one digital input channel and is ideal for remote meter reading, rain intensity monitoring, and flood warning networks

### Value

This system is a reliable, robust, & scalable system that is easy to deploy and maintain. It features a flash memory allowing new features and firmware to be easily uploaded. This system will provide many years of performance and low cost of ownership



McCrometer CONNECT A757  
addPULSE GSM/GPRS Field  
Station shown with optional solar  
panel and user-supplied mast.

### Description

The A757 addPULSE GSM/GPRS field station was designed to meet the needs of applications such as automatic meter reading and rainfall monitoring.

This popular system is housed in a waterproof aluminum case and is fitted with a single pulse and a single digital input. These are ideal for remote flow metering and precipitation monitoring. The pulse channel also includes an event mode that can be used for rainfall intensity measurements used in flood monitoring applications.

The sensor and power port connections use waterproof IP67 Binder connectors for ease of use and reliability. This station includes an integrated rechargeable NiMH battery designed to work with a compact solar panel.

The station can be configured to record data at user defined intervals (as frequently as every minute). It can also be set to deliver the recorded data at whatever regular interval the user desires (every 15-minutes, every hour, etc.).

This system also offers event reporting to notify users when a specific event has happened in the field. It is compatible with a wide range of pulse and digital sensors, making it an ideal choice for environmental and agricultural water management.

McCrometer CONNECT  
 A757 addPULSE GSM/GPRS Field Station

### Specifications

<b>I/O-Ports:</b>	1x Pulse counter (30Hz, normally open)
<b>Sampling Interval:</b>	10 Sec. to 12 Hr.
<b>Connectors:</b>	1x Binder M9 7-pin to Pulse counter 1x Binder M9 5-pin to solar cell / power supply 1x TNC Antenna connector
<b>Internal Memory:</b>	2MB for up to 500,000 values
<b>Antenna:</b>	2dBi, 850/900/1800/1900 MHz, omnidirectional
<b>Tx Output Power:</b>	2W (depends on frequency)
<b>Transmission Distance:</b>	22 miles max
<b>Type Approvals:</b>	FCC Part 15, Industry Canada, R&TTE, ACMA Australia, etc.
<b>Battery:</b>	NiMH battery, 6.2V, 3.1Ah
<b>Operating Time:</b>	Powersave mode: 6 months / Standard mode: up to 21 days
<b>Temperature Range:</b>	-4°F to +149°F (-20°C to +65°C)
<b>Case:</b>	Powder-coated aluminum, IP 67
<b>Dimensions:</b>	6.3 x 2.36 x 3.15 in.
<b>Mounting:</b>	1.5" mast, opt. wall mount
<b>Weight:</b>	2.52 lb.

### Ordering Information

Description	Part Number
A757 addPULSE GSM/GPRS	100.757.010

### Optional Accessories

Description	Part Number	Description	Part Number
Antenna, Omni, 2dBi, GSM Quadband, mast bracket and 5m cable	900.000.567	Solar Panel, 460mA	200.733.522
Antenna, Directional, 8 to 11dBi, GSM 800/1800/1900, bracket and 20cm cable	900.000.565	Wall mounting kit	900.000.423
Battery, Lithium-Thionyl, 14.5Ah	800.000.277	AC Power Supply	200.720.523
Activation Switch for operation with Lithium Battery	200.720.560	LED tool	200.720.530