

A757 GSM/GPRS Pulse

The A757 GSM/GPRS RTU was specifically developed for all those users who need an economical means to monitor pulse counters, be they e.g. standard rain gauges or water meters. The A757 features lots of memory in a rugged aluminum case, comes with an integrated NiMH battery or an optional Lithium-Thionyl battery for non-solar operations, IP-67 connectors, and an integrated quad-band Motorola GPRS modem.

Applications

- Pulse Counter RTU, extremely compact, extremely rugged, extremely low-power
- Precipitation profiling, flood warning
- Automatic Meter Reading



Technical data

Dimensions	160 x 60 x 80 mm	Operating time (without charging of internal battery)	in standard mode up to 21 days, in power-save mode up to 6 months; depends on transmission rate
Weight	1.150gr.	Frequency range	850 / 900 / 1800 / 1900 MHz
Ingress Protection class	IP-67	Rx Sensitivity	-106 dBm
Temperature range	-30°C to +65°C	Tx Output Power	max. 2 W (depends on frequency)
Case	powder-coated aluminum	Transmission distance	max. 36km as per GSM standard
Screw connections	flange sockets of nickel-plated brass, stainless cover screws	Mounting	integrated mast-mounting bracket
Connectors (all connectors IP67 if properly mated or capped)	1x Binder M9 7-pin to Pulse counter 1x Binder M9 5-pin to solar cell / power supply 1x TNC Antenna connector	Antenna	omnidirectional quad-band, 2dBi
Power supply	6,2 V NiMH battery 3.100 mAh + solar cell / mains adapter	Type approvals	R&TTE, FCC Part 15, ACMA Australia, Industry Canada, etc.
I/O Port	Pulse counter (normally open)	Ordering Information:	
Slot times	user specific (from 10sec. to 12h)	100.757.010	A757 GSM/GPRS Pulse
Rain intensity feature	time-stamps each pulse	200.733.522	Solar Panel, 460mA
Internal memory	2MB for up to 500.000 values	900.000.187 / 188	Cable to Pulse output, 5m / 15m
		900.000.200 / 201	Cable to Pulse output, 10m / 20m
		900.000.567	ext. GSM antenna for mast mounting