

A755 – Technical Specifications	
Weight	1.150gr (2.4lb.)
Dimensions	160 x 60 x 80 mm
Ingress Protection class	IP-67
Temperature range	30°C to +65°C (-22°F to +149°F)
Case	Powder-coated aluminum
Screw connections	Flange sockets of nickel-plated brass, stainless cover screws Binder, Germany
Connectors (all connectors IP67 if properly mated or capped)	1x Binder M9 7-pin to SDI-12 1x Binder M9 5-pin to solar cell / power supply 1x TNC Antenna connector
Power supply	6,2 V NiMH battery 3.100 mAh + solar cell / mains adapter
I/O-Port	SDI-12 bus supports up to 40x SDI-12 values
Sampling Interval	User-specific (from 10 sec. to 12 h); sensor restrictions apply
Dimensions	160 x 60 x 80 mm 6.3 x 2.36 x 3.15 in
Weight	Ingress Protection class IP-67
Internal memory	2MB for up to 200.000 values
Operating time	In standard mode up to 21 days in power-save mode up to 6 months (without charging) Depends on slot time, transmission rate and type of sensors.
Transmission distance	max. 36km. according to GSM standard
Rx Sensitivity	-106 dBm
Frequency range	850 / 900 / 1800 / 1900 MHz
Tx Output Power	max. 2 W (depends on frequency)
Expansion (optional)	Internal: ModBus (serial) via RS 485
Antenna	Omnidirectional quad band, 2dBi, fully sealed, with TNC connector
Mounting	Integrated mast-mounting bracket
Type approvals	R&TTE, FCC Part 15, RA Australia, Industry Canada, etc.