

Adcon A733 - Technical Specifications

Dimensions	160 x 60 x 80mm (6.3 x 2.4 x 3.1)
Weight	1250g (2.5 lb)
Protection type	Ip-67
Transmission Distance	Max. 20km (12 miles) depending on topography
Power Supply	Internal 6.2V NiCd battery, charged by solar panel or mains adaptor
12 Analog Inputs	0 – 2.5V with 10bit resolution
4 Counter Inputs	For standard reed switches as used e.g. in rain gauges or water meters. 2 pulses per second in debounce mode, 30 pulses per second in fast count mode.
SD1-12 Bus	Optional via external A506 SDI-12 Adaptor. Accepts up to 20 sensor values.
4 Digital In/Outputs	Configurable as either TTL-inputs for status control or as TTL-outputs to switch a relay (might require relay amplifier interface ADI-124).
Memory	32KB for up to 20.000 readings (depending on types of sensors attached)
Connectors	4 x Binder M9 female 7-pin 1 x Binder M9 female 5-pin
Mounting	Mast mounting bracket
Operating temperature	-30°C - +60°C
Tx Output Power	500mW
Rx Sensitivity	-120dBm (10 dB S/N)
Frequency Range	430 – 470 MHz
Channel Spacing	12.5 / 25 kHz (factory preset)
Approvals	R&TTE, CE, FCC, Ind.Canada, AUS