

A733 addWAVE

GENERAL

A733 addWAVE is a robust, universal measuring unit for unattended year round operation. Solar powered wireless data transmission allows for quick setup of the station in every environment. Designed for professional users it automatically collects and transmits a multitude of parameters from large scale networks. Each A733 addWAVE works as a transceiver and a transmitter in one. Cutting edge technology allows easy installation and secure data-transfer from remote locations.

MAIN CHARACTERISTICS:

Dimensions:	160 x 60 x 80 mm
Weight:	1150 g
Protection type:	IP67
Radio distance:	up to 20 km
Energy supply:	6,2 V NiMH Battery (plus Solar cells or external power supply)
Input/Output:	12 analog inputs 4 counter inputs and 4 digital I/Os (TTL) 20 SDI-12 values via optional A506 adapter waterproof Binder connectors
Connectors:	
Operation frequency:	430 - 470 MHz
Tx output power:	max. 500 mW
Rx sensitivity:	-120 dBm (10 db S/N)
Modulation:	FM
Coding:	MSK
Sampling interval:	by default 1/minute with a 15minute average
Internal memory:	32 KBytes = approx. 20.000 values
Operating time (without charging):	up to 30 days (depends on various factors)
A/D converter:	10 bit resolution (0,1 % accuracy)
Temperature range:	-30°C to +60°C



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