Wireless data logger HD35ED1TV HD35EDL1TV

- **Humidity wireless data logger with fixed vertical sensor**

Characteristics

Humidity wireless data logger. Custom LCD display (only with option L). It stores the measures in its internal memory (68,000 samples) and transmits the logged data to the base unit automatically at regular intervals or upon request.

Relative humidity fixed vertical sensor with high accuracy R.H. sensor.

Acoustic alarm with internal buzzer. Configuration via HD35AP S software or front keyboard (only version with LCD). Powered by the internal battery. Wall mount removable (by using the included support) or fixed (with optional flanges) installation.

Technical data

Humidity

Sensor	:	Capacitive
Measuring range	:	0…100% RH
Resolution	:	0.1% RH
Accuracy	:	± 1.5 %RH (0..90 %RH)
(@ 23 °C)	:	± 2 %RH (remaining range)
Sensor operating temperature	:	-20…+80 °C
Temperature drift	:	±2% over the whole operating temperature range
Long-term stability	:	% / year

Instrument

Transmission frequency	:	Factory configurable at choice among: 868 MHz, 902-928 MHz, 915-928 MHz, 921-928 MHz or 915,9-929,7 MHz depending on the frequency in use in the country of installation
Transmission range	:	300 m (E, J)/ 180 m (U) in open field (can be reduced in presence of obstacles or adverse atmospheric conditions)
Logging interval	:	1, 2, 5, 10, 15, 30 s / 1, 2, 5, 10, 15, 30, 60 min
Power supply	:	Non rechargeable lithium thyonil chloride (Li-SOCl2) internal battery, 3.6 V, AA format, 2-pole Molex 5264 connector
Battery life	:	2 years typical (without repeaters, measurement interval 5 s and log interval 30 s)
Operating conditions	:	-20…+70 °C / 0…85 %RH non condensing
Dimensions	:	135 x 144 x 33 mm
Weight	:	200 g approx.
Housing	:	LURAN® S 777K
Protection degree	:	IP 64

Ordering codes

HD35ED - [1.] 1TV. [2.]

1.	**LCD**	
	0	without LCD
	L	with custom LCD
2.	**Radio frequency**	
	J	915.9-929.7 MHz (Japan)
	E	868 MHz (Europe)
	U	902-928 MHz (U.S.A. and Canada) reducible to 915-928 MHz (Australia) or 921-928 MHz (New Zealand)