



→ Industrial

→ Powerfull

→ Standard ISO

→ IP40

# WAVEbox® DIN HF

RFID HF industrial reader



- Industry
- Logistics, Asset tracking
- Maintenance, MRO
- Supply chain
- Anti-counterfeiting
- Fashion apparel
- Luxury Goods
- Pharmaceuticals
- Life Sciences

### High Performance

Micro-controller piloted, the **WAVEbox® DIN** reader is protected against environmental parasites and is equipped with the exclusive software engine that enables the addressing of RFID labels by a simplified set of commands. Compatible with all ISO tags on the market, from 64bits to 32Kbits: **I-CODE®**, **I-CODE®1**, **PICOTag®**, **Tag-it®**, **my-D®**, **ISO15693**... Reading distances: 5 to 30 cm depending on the power, the format of the tag, and the environment.

### Powerful

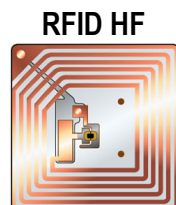
Available in 250mW (WAVEbox® DIN 250 ref: 11390) and 1W (WAVEbox® DIN 1000 ref: 11346), these RFID readers present the advantage of providing high power in a small footprint.

### Tough

Tough ABS case with antenna connector via integrated SMA, high resistance to shocks. Built-in power/reading light. DIN mounting.

### Optional Accessories

Antennas: 6 formats available  
Universal connector (Power/USB/RS232) with 220/24 VDC power supply included (reference: 11338)





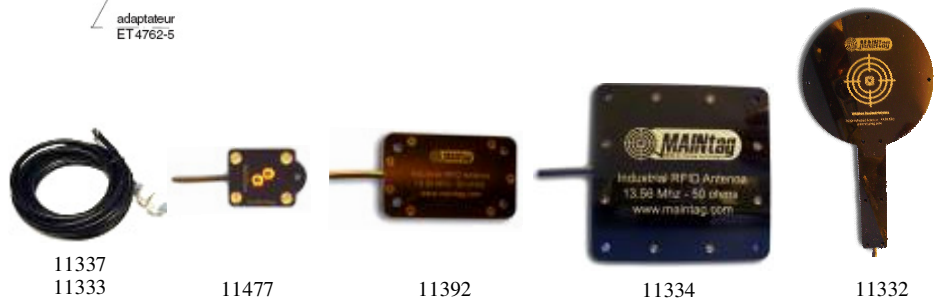
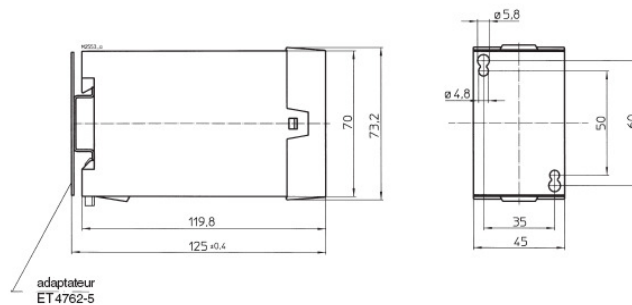
Items	Code
WAVEbox® 250 DIN HF (250mW)	11390
WAVEbox® 1000 DIN HF (1W)	11346
IP65 Antenne externe D10x30, câble 3m, connecteur SMA	11333
IP65 Antenne externe D16x50, câble 3m, connecteur SMA	11337
IP20 Antenne externe 20x20, câble 3m, connecteur SMA	11477
IP65 Antenne externe 60x100, câble 3m, connecteur SMA	11392
IP65 Antenne externe 130x130, câble 3m, connecteur SMA	11334
IP54 Raquette, câble 1,5m, connecteur SMA	11332

### Characteristics

- Carrier frequency: 13.56 MHz ISO 15693 – ISO 18000-3 mode1
- Distance R/W: 5 to 30 cm (depending on the tag and antenna)
- Communication: RS232 (+USB with universal connector)
- Power: ref 11391: 250mw / ref 11347: 1w
- Power supply: 24 VDC 1A
- Installation: DIN rail
- Operation: 0°C to +70°C / Storage: -20°C to +80°C
- SDK: Visual Studio .net available (sold separately)

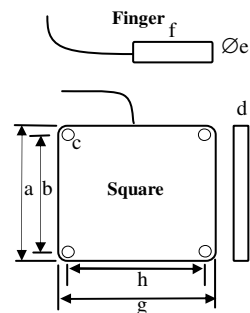
### Tags Supported

WAVEbox® 250	ISO 14443A&B, ISO 15693, ISO 18000-3, my-D®, Tag-it®, PicoTag/Pass®, lcode®, MIFARE®*; FeliCa®*; STM LRI®, EM4135. * Reads tag UID only.
WAVEbox® 1000	ISO 15693, INFINEON my-D®, TEXAS INSTRUMENT Tag-it®, Phillips lcode®, STM LRI®, EM4135.



### Available antennas

Square						Finger	
a	b	c	d	g	h	øe	f
20	-	3	16	20	-	M10	30
130	110	6	16	130	110	M16	50
100	80	6	16	60	40		



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