



# WAVEbox® DESK HF

Industrial RFID Reader

- Industrial
- Powerfull
- Standard ISO
- IP40



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

### High Performance

Micro-controller piloted, the WAVEbox® 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® 250 ref: 11391) and 1W (WAVEbox® 1000 ref: 11347), these RFID readers present the advantage of providing high power in a small footprint.

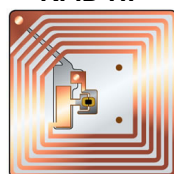
### Tough

Tough ABS case with antenna connector via integrated SMA, high resistance to shocks. Built-in power/reading light. Mounting by two 3mm screws.

### Optional Accessories

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

RFID HF





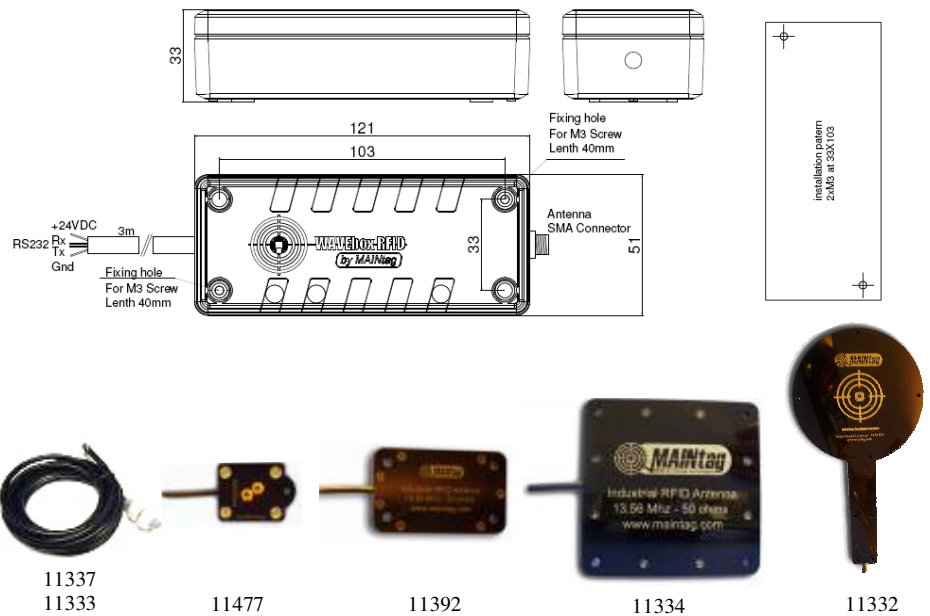
Items	Code
WAVEbox® 250 DESK HF (250mW)	11391
WAVEbox® 1000 DESK HF (1W)	11347
IP65 External antenna D10x30, 3m cable, connector SMA	11333
IP65 External antenna D16x50, 3m cable, connector SMA	11337
IP20 External antenna 20x20, 3m cable, connector SMA	11477
IP65 External antenna 60x100, 3m cable, connector SMA	11392
IP65 External antenna 130x130, 3m cable, connector SMA	11334
IP54 Racket, 1.5m cable, connector SMA	11332
Universal connector power/USB/RS232	11338

### 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: 2 M3 screws (dimensions: 103 x 33 mm)
- Operation: 0°C to +70°C / Storage: -20°C to +80°C
- SDK: Visual Studio .net available (sold separately)

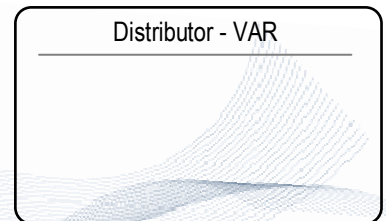
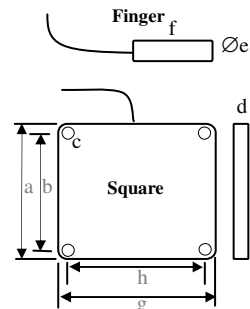
### Tags Supported

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



www.maintag.com

MAINTag, 9 rue française, 75002 Paris

Tel : + 33 (0) 1 40 13 89 60 - Fax : + 33 (0) 1 40 13 02 36

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WAVEbox Desk HF-EN-211008