



Advanced reader technologies

## *I-scan*<sup>®</sup> HF

(13.56 MHz)

Hand-held Antenna

ID ISC.ANTH200/200-A



### Features:

- Optimized for operation with OBID *i-scan*<sup>®</sup> HF-Mid Range Readers (ID ISC.MR101 / ID ISC.MR200)
- Maximum reading distance of 30-40 cm
- 3,60 m connection cable
- Antenna can be used also with other 13.56 MHz reader with 50 Ohm impedance
- Suitable for both, item and person identification

### Short description

ID ISC.ANTH200/200-A is a Single Loop Antenna and was optimized for operation with OBID i-scan<sup>®</sup> HF Mid Range Readers ID ISC.MR101 and ID ISC.MR200. With an emitted transmitting power of 1 W by the reader and a transponder size of 45 x 76 mm<sup>2</sup> with parallel orientation of the tag, reading ranges of 30-40 cm are possible.

Operation with other 13.56 MHz readers with an impedance of 50 Ohm are possible, too.

The maximum reading distance will be realized in the middle of the antenna. The optimum orientation of the tag is parallel to the antenna.

### Technical data

Housing	Plastic ABS
Dimensions (WxHxD)	460 x 200 x 160 mm
Weight	350 g
Protection class	IP 20
Operating frequency	13.56 MHz
Transmitting power	maximum 2 W
Antenna connection	SMA plug (50 Ohm)
Connection cable	RG 58, 50 Ohm, 360 cm
Temperature range	
- operation	0°C up to 55°C
- storage	-25°C up to 85°C
Rel. air humidity	95% (non condensing)



ID ISC.MR101



ID ISC.MR200



Side view of the antenna

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