

## On Metal Tags

iDTRONIC's On-Metal Tags are passive transponders for industrial environments. They have an integrated ferrite shielding, which minimizes the effect of metal surfaces. They perfectly fit for the identification of items and objects in "metal" applications.

On-Metal Tags from Smart TAG are available with 125 kHz and 13.56 MHz RFID technology.



### Applications:

- Industrial
- Warehouse

### Product specification:

<b>Dimensions:</b>	Ø 35 / 5 x 4 mm Ø 52 / 5 x 8 mm
<b>Material:</b>	ABS
<b>Metal Layer</b>	Ferrite 0.7 mm
<b>Frequencies:</b>	125 kHz, 13.56 MHz
<b>Reading Distance:</b>	Up to 6 cm
<b>Antenna Type:</b>	Wired
<b>Application temp.:</b>	-40 °C to +70 °C
<b>Humidity:</b>	5% to 95%

### Available 125 kHz systems:

IC Type	Memory	Mode
EM4200	64 bits	Read-only

### Available 13.56 MHz systems:

IC Type	Memory	ISO
NXP MIFARE 1S50	1024 bits	14443A (1-3)
NXP MIFARE Ultralight	512 bit	14443A
NXP I-Code SLI	1024 bits	15693

**Other IC types available on request!**