

## Dome Tags

iDTRONIC Dome Tags are passive transponders which are available in different colors and can be customized with customer logo / artwork / number or barcode.

They are available in 3 standard dimensions ( $D = 18\text{ mm}$ ,  $D = 30\text{ mm}$  and  $31 \times 46\text{ mm}$ ). They come with an adhesive layer with release paper on the back side.

iDTRONIC Dome Tags are available with 125 kHz and 13.56 MHz technology.



### Applications:

- Security
- Warehouse

### Product specification:

<b>Dimensions:</b>	$\varnothing = 18\text{ mm}$ $\varnothing = 30\text{ mm}$ $31 \times 46\text{ mm}$
<b>Thickness:</b>	2.0 mm
<b>Adhesive layer:</b>	On back side. With release paper
<b>Antenna type:</b>	Wired
<b>Material:</b>	PVC + Epoxy
<b>Application temp.:</b>	-40 °C to +60 °C
<b>Order number:</b>	ST-DOT-xx-18 (xx = IC) ST-DOT-xx-30 (xx = IC)

### Available 125 kHz systems:

IC Type	Memory	Mode
EM4100/4200	8 byte	Read only
EM4450/4550	125 byte	R/W
Atmel Temic 5567/5577	28 byte	R/W
NXP Hitag 1 & 2	32 byte 256 byte	R/W
NXP Hitag S256 & S2048	32 byte 256 byte	R/W

**Other IC types available on request!**

### Available 13.56 MHz Systems:

IC Type	Memory	ISO
NXP MIFARE Ultralight®	64 byte	14443A
NXP MIFARE® Classic Mini NXP MIFARE® Classic 1K NXP MIFARE® Classic 4K	256 byte 1024 byte 4096 byte	14443A (1-3)
NXP MIFARE® DESFire® EV1	2/4/8 kbytes	14443A
NXP I-Code SLI	1024 bit	15693
LEGIC MIM256 & MIM1024	256 byte 1024 byte	-
LEGIC Advant 1024 & 2048	1024 byte 2048 byte	-
TI HFI - Plus	1024 byte	-