

3D



## Dome tags



LUX-Ident's products

LUX-Ident s.r.o., Tovární 368, 563 01 Lanškroun, Czech Republic  
Tel.: +420 465 352 500, Fax: +420 465 352 501, e-mail: sales@lux-ident.com  
[www.lux-ident.com](http://www.lux-ident.com)



A range of applications.

Near Field Communication (NFC) is a wireless connectivity technology that enables convenient short-range communication between electronic devices. The technology is a simple extension of the standard ISO 14443 contactless card which combines the interface of a smartcard and a reader into a single device. An NFC device can communicate with both existing ISO 14443 contactless cards and readers, as well as with other NFC devices, and is thereby compatible with any existing contactless infrastructure already in use for public transportation and payment. NFC is designed for use in mobile phones. A variety of applications are possible, such as mobile ticketing, mobile payment, smart poster, etc.

Some of our products can be directly used in NFC application. A typical product is the Dome tag – a thick, yet crystal-clear polyurethane dome is laid over to give each dome a unique appearance. This “dome” protects the printing and gives the label a deep, 3D look.

#### Features

- Materials: PVC, PETG, PC
- Weather resistant
- Available in different diameters
- Full colour personalisation possibilities



#### Available chip technologies

Manufacturer frequency	Chip type
<b>EM Microelectronic</b>	
LF 125 kHz / 134.2 kHz	EM4102, EM4305, EM4450
<b>NXP</b>	
LF 125 kHz / 134.2 kHz	Hitag 1, Hitag 2, Hitag S 256bit, Hitag S 2048bit
HF 13.56 MHz	Mifare: Ultralight, Ultralight C, Mini, Classic 1K, Classic 4K, Desfire 4K V.06, Desfire 2K EV1, Desfire 4K EV1, Desfire 8K EV1, Plus S 2K, Plus S 4K, Plus X 2K, Plus X 4K I-Code: SL1, SLI-L, SLI, SLI-S SmartMX, JCOP
<b>Infineon</b>	
HF 13.56 MHz	Mifare SLE66R35 1K, My-D: SRF55V02P, SRF55V10P, NFC SLE66R16P, NFC SLE66R32P
<b>Atmel</b>	
LF 125 kHz / 134.2 kHz	ATA5575M1, ATA5575M2, ATA5577, Q5
<b>Inside Secure</b>	
HF 13.56 MHz	Picopass 2K, 32K
<b>Legic</b>	
HF 13.56 MHz	Prime MIM256, Prime MIM1024 Advant: ATC128, ATC256, ATC1024, ATC2048, ATC4096

Other ICs are available upon request.

