



**On/Off metal
Dual-freq. UHF+NFC**

IR4 DT Dual-Frequency	UHF+NFC ON/OFF Metal	865-868 MHz + 13,56 MHz 18000-6C EPC Class 1 Gen2 + 14443A	140x28x15	Screws/Rivets
<i>Product Code</i>	<i>Usable</i>	<i>Frequency and ISO/IEC</i>	<i>Dimensions mm.</i>	<i>Mounting</i>

On-Metal Dual-Frequency RFID Tag, IR4 Series, can be fixed with screws / rivets. Double-frequency UHF + NFC RFID transponder, made of very resistant rigid plastic, available in different versions, ON / OFF Metal use. Inside there are 2 distinct UHF + NFC tags that can have the same electronic coding

Visible label customizable with barcode / QR / Logos - special packaging available also in single kit with adhesive labels with barcode corresponding to the tag.

Typical Applications: Industrial assets in general and FOOD production companies

Services Available: UHF and NFC chip encoding with the same encoding, label printing with logi, QR, Barcode. Special packaging

Available IC/Chip: Ucode-8, Monza 6/P - Ntag 213 / 216





Product Code

IR4 DT

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Versioni prodotto disponibili

IR4 DT-03R

UHF + NFC Double Frequency RFID tag, version made of Nylon GF + PU resin, resistant -40 ° / + 80 ° C very resistant for industrial and outdoor use.

IR4 DT-05R

UHF + NFC dual frequency RFID tag, version in Nylon FV + PU resin, FOOD-COMPLIANT, use -40 ° / + 110 ° C specific product for FOOD production

Available versions and technical features

Product Code:	IR4 DT-03R	IR4 DT-05R			
Frequency	865-868 MHz + 13,56 MHz	865-868 MHz + 13,56 MHz			
Protocol ISO UHF	18000-6C Gen2 14443A	18000-6C Gen2 14443A			
IC/Chip	Mz6/P + Ntag 213	Mz6/P + Ntag 213			
EPC UHF	128 bits	128 bits			
User Memory UHF	0 bits	0 bits			
UID NFC	7 Byte	7 Byte			
User Memory NFC	144 Byte	144 Byte			
Distanza di lettura (1)	Up to 5,0 mt ON Metal	Up to 5,0 mt ON Metal			
Opzionale Chip:	Ucode-8, Monza 6/P - Ntag 213 / 216				
Product certifications	RoHS compliant				
Housing Material	Nylon GF + PU Resin	Nylon GF + PU FDA			
Weight grams	25,0	25,0			
Standard Colors	RAL 7035 Light Grey	RAL Dark Blue			
IP Class Protection	IP68	IP68			
Operating Temp. C°(2)	-40/+80 C°	-40/+80 C°			
Storage Temp. C° (3)	-40/+110 C°	-40/+110 C°			
Chemical resistance	C	D			

(1) With reader 2W ERP - (2) Continuous use - (3) For a short time

Category	Chemical resistance of housing
C	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.
D	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.
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To check the chemical resistance of the polymers in your process, we recommend that you always carry out a preliminary test with several samples.
Download from our website the document "CHEMICAL RESISTANCE of POLYMERS" or contact our offices for more information.



RFid Tag Manufacturer
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