

ARIO SM & DM
HF TAGS



Small and Robust High-Performing Tags

TAGSYS rugged high frequency (HF) Ario™ tags are specifically designed for industrial applications that require RFID tags that can withstand harsh environmental conditions.

The Ario SM and DM tags are available as cingulated modules. les.

INDUSTRY'S MOST RUGGEDIZED TAGS

The Ario product line is designed to withstand stringent environmental conditions. They are robust enough to be embedded, encapsulated, injected into, or affixed directly into products that are subjected to extreme processes.

SMALL SIZE - HIGH PERFORMANCE

Utilizing a patented antenna manufacturing process, the Ario product line encompasses some of the smallest size tags available for item-level track and trace applications.

ARIO SM & DM TAGS FEATURES SUMMARY

- Small, high-performing tags
- Cingulated module tags ideal for encapsulation, plastic injection molding or asset tracking in disk format

About TAGSYS

TAGSYS provides complete, reliable, high performance RFID infrastructure systems for item-level tracking in a variety of industries.

Our unique RFID expertise, combined with a true understanding of RFID business processes, makes us the ideal RFID partner to ease and ensure the success of your project.

ARIO SM & DM

HF TAGS

Technical specifications



ARIO SM



ARIO DM

GENERAL

DIMENSIONS:

13.6 x 13.9 mm
(.53 x .55 in)

inner Ø: 11 mm (.43 in)
outer Ø: 26 mm (1.02 in)

THICKNESS:

WEIGHT:

<100 mg

<100 mg

MATERIAL:

Epoxy

OPERATING TEMPERATURE:

-40°C to 85°C (-40°F to 185°F)

STORAGE TEMPERATURE:

-40°C to 125°C (-40°F to 257°F)

CHIP SPECIFICATIONS

FREQUENCY:

13.56 MHz

OPERATION MODE:

Passive

OPERATING PROTOCOL:

ISO 15693, ISO 18000-3-1

CHIP AVAILABLE:

SLI-S (NXP)
SLI-XS (new generation chip)

SLI-S (NXP)

MEMORY SIZE:

2048 bits

USER MEMORY:

1280 bits

UID:

64 bits

PRODUCT REFERENCES

ARIO S-SM: TM370E07
ARIO XS-SM: TM370E08

ARIO S-DM:
TM370E06

DELIVERY

DELIVERY PACKAGING:

1000 units in transparent plastic bags

PARCEL LABELING:

Sales reference, order number, quantity

QUALITY CONTROL:

100% final inspection

MINIMUM ORDER:

1000 units

COMPLIANCY

RoHS REACH

www.tagsysrfid.com

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e-connecting goods