



## UHF Hard Tag

This high protecting tag is specially designed for metallic asset tracking under outdoor or extremely harsh environments. Attached on metal with long reading distance, mainly used for asset management heavy industry, metallic asset tracking, oil & gas & mining, automatic production line, warehouse shelf, container tracking, etc.

### Physical Features:

|               |                                                    |
|---------------|----------------------------------------------------|
| Model:        | Apex                                               |
| Material:     | Engineering Plastics                               |
| Color:        | Gray or Customization                              |
| Dimensions:   | 85 x 21 x 10 mm(L x W x T)                         |
| Working Temp: | -40~+85°C                                          |
| Storage Temp: | -40~+85°C                                          |
| IP Code:      | IP68, add a bottom shell to enhance the protection |
| Humidity:     | 98% Non-condensing                                 |

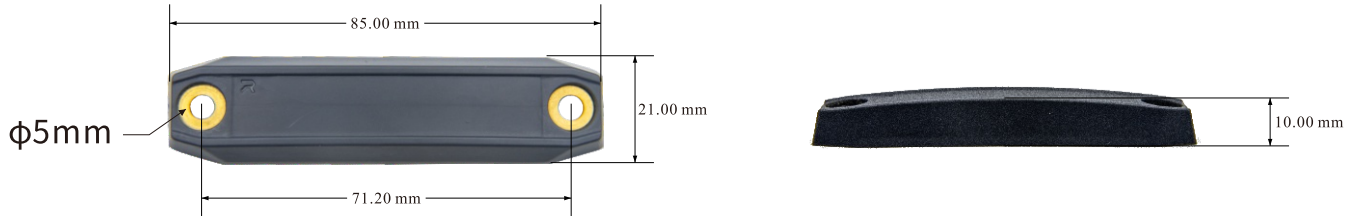
### RFID Features:

|                           |                                                                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RFID Standard:            | ISO/IEC 18000-6C (EPC Gen2)                                                                                                                                              |
| Chip Type:                | NXP Ucode 9xm                                                                                                                                                            |
| Memory:                   | 3 Customer configurable memory options:<br>• EPC 128 bit; User 752 bit; TID 96 bit<br>• EPC 256 bit; User 624 bit; TID 96 bit<br>• EPC 496 bit; User 384 bit; TID 96 bit |
| Read Range(Fixed Reader): | FCC - 25.0 m, on metal; 8.0m ,off metal                                                                                                                                  |
|                           | ETSI - 21.0 m, on metal; 17.0m ,off metal                                                                                                                                |

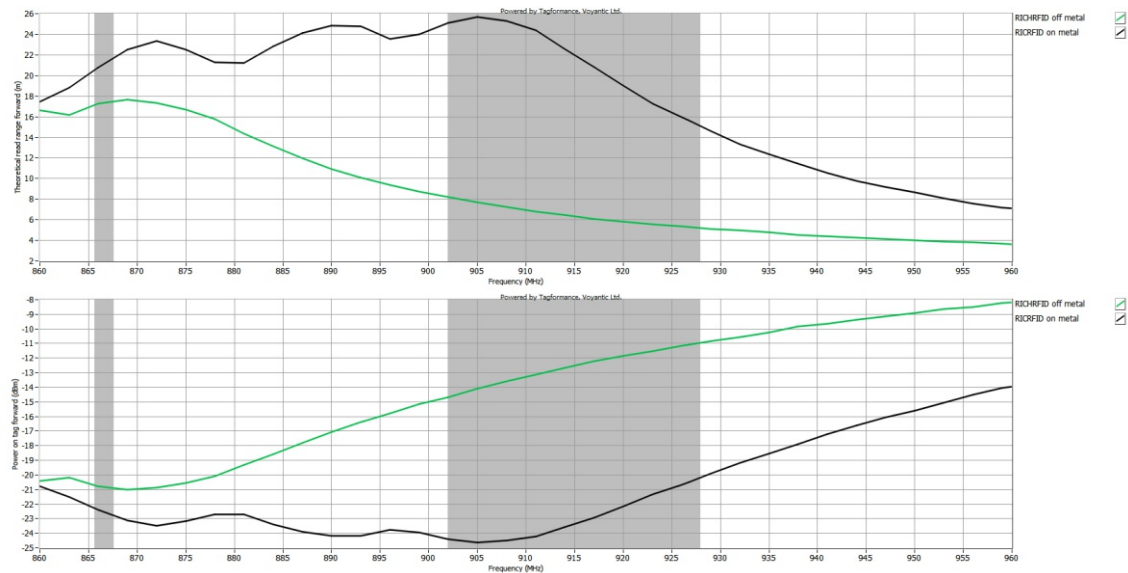
### Other Features:

|                |                                                                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Storage:  | > 10 years                                                                                                                                                                 |
| Re-write:      | 100,000 times                                                                                                                                                              |
| Installation:  | 3M adhesive, Screw, Magnet, Cable tie                                                                                                                                      |
| Customization: | Printing LOGO, Barcode, Encoding, Serial number, Designing, etc                                                                                                            |
| Application:   | <ul style="list-style-type: none"> <li>• Oil&amp;gas</li> <li>• Industry equipment</li> <li>• Cargo Container Tracking</li> <li>• Logistics and warehouse, etc.</li> </ul> |

## Dimensions:



## Read Range:



## Application:

