



HT006 is an RFID hard tag made of ABS, a thermoplastic material with very good mechanical properties, such as stiffness, hardness and impact and water resistance.

Rectangular in shape, **this tag is specially designed for outdoor industrial asset management.** It can be used on metal and non-metal surfaces. It **measures 85 mm x 20 mm x 11 mm**, and can be applied using rivets, screws or adhesive. Available in UHF, both **European and**

**US, it is manufactured with the HIGGS 9 chip. It has a large reading distance** which, with the European frequency and on metal surfaces, can reach up to 6 metres. On non-metals it reaches up to 6.5 metres. When the tag with US frequency is applied to metals, it can be read up to a distance of 12 m, while on non-metals the reading distance can reach up to 7 m. Note that the tag reading depends on the reader, environment and application. It is also available in grey,

and can be customised using laser technology.

#### **MARKETS**

With its **IP68** rating, which makes it resistant to dust and strong jets of water, HT006 is ideal for **outdoor industrial asset management.** This includes **pallet and shelf management in outdoor warehouses, but also the identification of lamp posts, traffic lights and other public facilities.**



European frequency (EU) 868 MHz - US frequency 920 MHz

## RFID features

| Chip    | Memory                                  | ISO Standard                     |
|---------|---|----------------------------------|
| HIGGS 9 | 86 bytes - TID: 6 bytes - EPC: 62 bytes | ISO 18000-6C / EPC Class 1 Gen 2 |

## Technical specifications

|                       |                            |
|-----------------------|----------------------------|
| Application           | Metal / non-metal surfaces |
| IP rating             | 68                         |
| Dimensions            | 85 x 20 x 11 mm            |
| Material              | ABS                        |
| Weight                | 15 g                       |
| Application method    | Rivets, screws or adhesive |
| Operation temperature | -40°C ~ +85°C              |
| Storage temperature   | -40°C ~ +100°C             |

## Customisation

|                                |                  |
|--------------------------------|------------------|
| Colour                         | Grey             |
| Type of printing and numbering | Laser technology |

