



# ID-Gendipole-A865-U8

## UHF Inlay and Label

### IC Speciality

ID-Gendipole-A865-U8 with the NXP UCODE 8 IC is the ideal choice for industrial, retail, and supply-chain applications. Its unique design offers an excellent solution for a variety of supply chain labels.

It is a highly efficient inlay option for fast moving environments. ID-Gendipole A865 offers an integrated brand identifier, a proven feature for product authentication, in addition to the added safeguard system to protect business data.

ID-Gendipole-A865-U8 comes with 128-bits of EPC memory and 96-bit Tag Identifier (TID).

### Key Features

- Effective **global performance** to designated design
- Enhances **long-range readability** and enables **rapid inventory** of densely populated RFID tag clusters
- 128 bit EPC memory
- **Brand identifier** helps enabling product authentication verification
- Available as **dry inlay, wet inlay, or label**

#### Frequency

- UHF 860 MHz to 960 MHz

#### Antenna Dimensions

- 11 x 93 mm

#### Chip

- NXP UCODE 8

#### International Standards

- EPC global V.2.0.1
- ISO 18000-6C

#### Industries

- Industrial
- Logistics
- Retail

#### Applications

- Authentication
- Inventory management
- RTI
- Supply chain management

# Specifications

| Format                    | Dry Inlay   | Wet Inlay  | Label  |
|---------------------------|---|--|--|
| Product Part Number       | 2001003   | 2001004  | 2001160  |
| Manufacturing Part Number | I00XXXUE0115  | I00XADUE0115   | L15XADUE0115   |
| IC                        | NXP UCODE 8   | NXP UCODE 8  | NXP UCODE 8  |
| EPC & User Memory         | 128 bit & n/a   | 128 bit & n/a  | 128 bit & n/a  |
| Antenna Dimension         | 11 x 93 mm  | 11 x 93 mm   | 11 x 93 mm   |
| Tag Dimensions            | 11 x 93 mm  | 15 x 97 mm   | 15 x 97 mm   |
| ISO/IEC Norm              | ISO 18000-6C  | ISO 18000-6C   | ISO 18000-6C   |
| Frequency                 | 860 MHz to 960 MHz  | 860 MHz to 960 MHz   | 860 MHz to 960 MHz   |
| Face Material             | -   | -  | White PET  |
| Thickness                 | ~180 µm   | ~200 µm  | ~270 µm  |
| Pitch                     | 17.6 mm   | 17.6 mm  | 17.6 mm  |
| Web Width                 | 110 mm  | 110 mm   | 110 mm   |
| Operating Temperature     | -20°C ~ 70°C (-4°F ~ 158°F), at <60%RH                                  | -20°C ~ 70°C (-4°F ~ 158°F), at <60%RH                                 | -20°C ~ 70°C (-4°F ~ 158°F), at <60%RH                                 |
| Storage Information       | 2 years under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH | 1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH | 1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH |

**Contact Information:** sales@identiv.com

Care and handling: To minimize static charge and environmental impact, it's crucial to adhere to standard industry practices related to electronics and RFID when handling RFID inlays, as they are sensitive to ESD.

Application: To ensure that this product meets specific requirements, customers/users must thoroughly test it under end-use conditions. Identiv does not claim that the product is suitable for any particular purpose or use. Additionally, Identiv retains the right to modify, supplement, change, or discontinue product offerings at any time without prior notice. While the information presented here is believed to be reliable, Identiv does not guarantee the accuracy or correctness of the data.

Trademarks: The ownership of trademarks and/or trade names mentioned belongs to their respective owner(s). Some trademarks are used only to identify specific products or services.

Warranty: Please refer to Identiv standard terms and conditions: <https://www.identiv.com/terms-and-conditions>

