



Omni-ID® Adept 650P

Omni-ID's Adept 650P is a global, UHF RFID card designed to ensure the safety and management of personnel. Constructed with PVC material the size of a credit card, the thin design and the flexible durability combine to make this tag the ideal choice for personnel management.

Applications

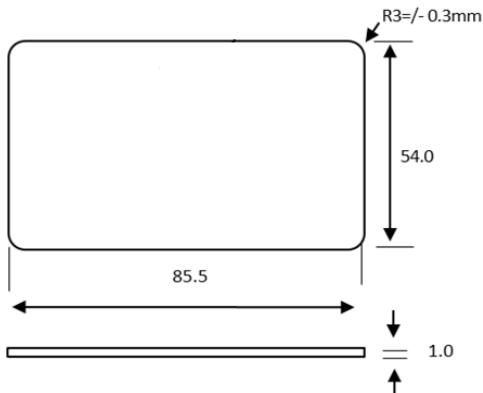
With its credit card size (dimensions are compliant to ISO/IEC 7810 ID-1 standard) and PVC material, the Adept 650P fits into various holders and is ideal for:

- ▶ Personnel management
- ▶ Building Access
- ▶ IT asset tracking
- ▶ Logistics non-metal packaging

Physical Specifications

Material	White PVC
Size (mm)	85.5 x 54 x 1.0 Tolerance: +/- 0.2
Size (in)	3.35 x 2.13 x 0.04
Weight (g)	6.0

Dimensions



Dimensions stated in mm (ISO/IEC 7810 ID-1 compliant)

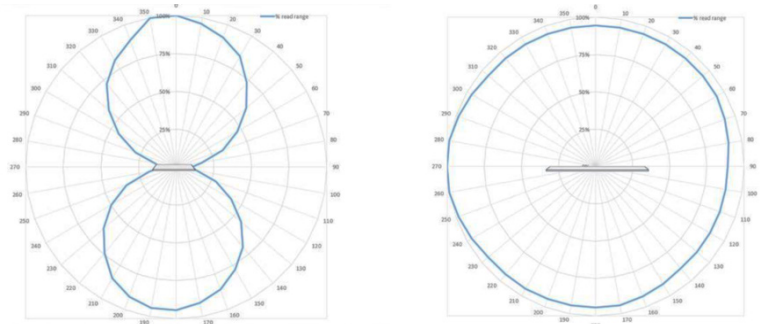
RF Specifications

Protocol	EPC Class 1 Gen2
Frequency Range (MHz)	860 - 930 (Global)
Read Range (Fixed reader) ¹	Up to 7.0m
Read Range (Handheld reader) ¹	Up to 3.5m
Material Compatibility	off metal
IC Type (chip)	Alien Higgs 3
Memory ²	EPC - 96bits User - 512bits Unique TID - 64bits

1. Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.
2. EPC and User memory are reprogrammable, UTID is locked at point of manufacture.

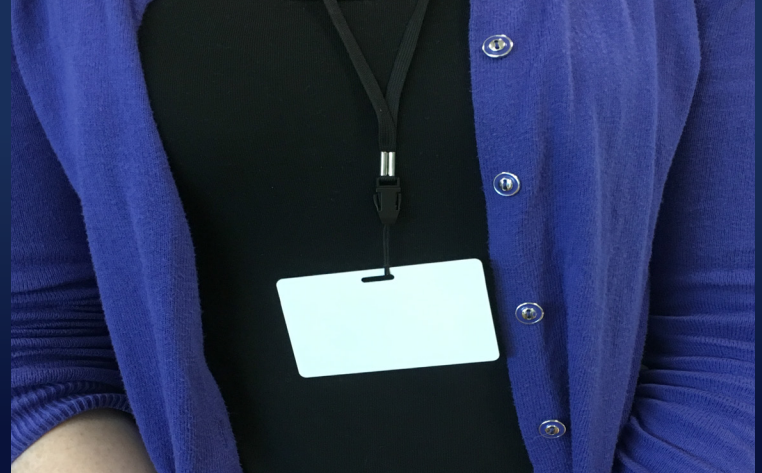
Radiation Pattern

Off Metal



Related Products and Services

- ▶ **Omni-ID IQ 800P** - Large premium label for attachment to plastic assets.
- ▶ **Omni-ID Exo 800P Rigid**- Low profile, medium range, RFID tag ideal for tracking mobile assets worldwide.
- ▶ **Omni-ID IQ 400P** - Designed for the office environment, this small label has strong performance on plastic and non-metal assets.



Environmental Specifications




Operation Temperature -20 ° to +65°C

Max Temperature Exposure¹ -20 ° to +65 °C

IP Rating IP68

Shock and Vibration MIL STD 810-G

Attachment Hang (option)
Film adhesive (option)

Certifications



 RoHS approved
 CE approved
 ATEX/IECEX certified (option)
 US&Canada (C1D1/D2) certified (option)

Warranty 1 year

¹ Temperature testing methodology in accordance with BS EN60068-2-1 and BS EN60068-2-2

Ordering Information

Order Codes 145 - (GS)

Option Codes :303 Customization¹
 :304 (ATEX/IECEX certified)
 :307 (US&Canada (C1D1/D2) certified)
 :331 Card slots²
 :502 Film adhesive

¹Customization option carries an MOQ of 50K.

²Card slots ordered without customization carry an MOQ of 1k.

Omni-ID office locations: **US | UK | China | India | Germany**
 For product or technology inquiries email: sales@omni-id.com