

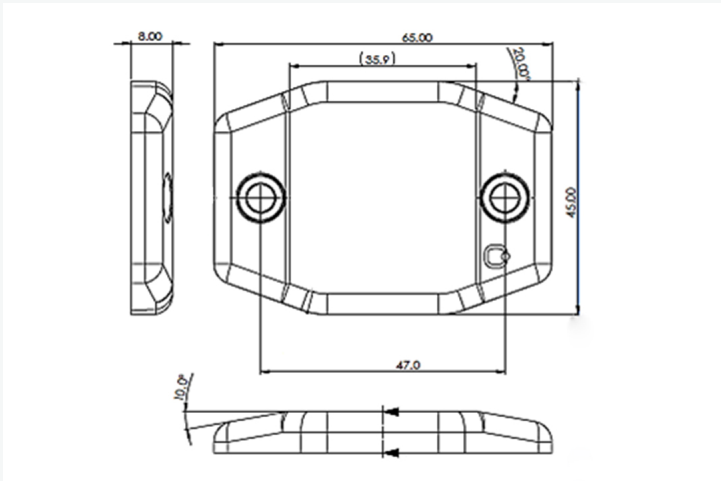
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Physical Specifications

Material	ABS
Size	65 x 45 x 8 +/- 0.5 mm, 2.56 x 1.77 x 0.31 +/- 0.02 in
Weight (g)	34
Attachment	Rivet / Screw (not included), foam adhesive (option) or thin film adhesive (option)

Dimensions



Measurements shown in mm

Adept 850

Omni-ID's Adept 850 durable High Memory RFID tag is specifically designed to store production data throughout global manufacturing operations. With 64Kbits user memory, a slim profile, tapered corners and secure connections, this tag is ideal for mounting on cycling metal carriers to give years of durable service.

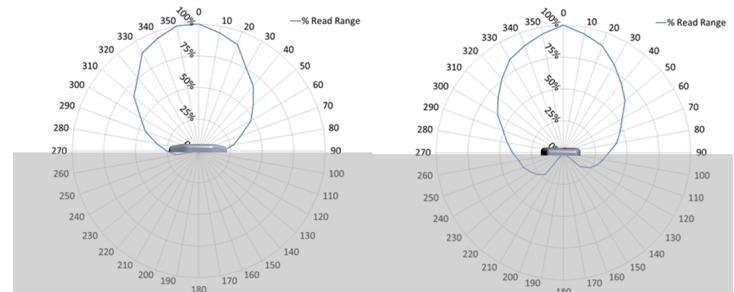


RF Specifications

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	860 – 960 MHz (Global)
Read Range	Up to 8.5m (27.89 feet)
Write Range	Up to 4m
On Metal or Balanced	Optimized for metal
IC Type (Chip)	Qstar-5A
Memory	EPC - 496 bits User - 64K bits

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

Radiation Patterns



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Omni-ID's Adept 850 High Memory Tag is an ideal solution for applications where storing process data is important such as:

- * Manufacturing & Supply Chain
- * Automotive
- * Outdoor & Industrial Operations

Certifications

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



Environmental Specifications

Operating Temperature	-20°C to +85°C
Survivability	-20°C to +85°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G

Ordering Information

Part Number / Order Codes / Order Numbers	CP08897 - Adept 850 - GS - Qstar 5A (64K) - ABS - Grey - No Adhesive - Logo
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