



Functional Specifications:

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| RFID Protocol: | EPC Class1 Gen2, ISO18000-6C |
| Frequency: | US(902-928MHZ), EU(865-868MHZ) |
| IC type: | Alien Higgs-3 |
| Memory: | EPC 96bits (Up to 480bits) , USER 512bits, TID64bits |
| Write Cycles: | 100,000 times |
| Functionality: | Read/write |
| Data Retention: | 50 Years |
| Applicable Surface: | Metal Surfaces |
| Read range: (Fix Reader) | 9.5m, US(902-928MHZ) 9.3m, EU(865-868MHZ) |
| Read range: (Handheld Reader) | 6.0m, US(902-928MHZ) 5.8m, EU(865-868MHZ) |
| Warranty: | 1 Year |

Environmental Specification:

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| IP Rating: | IP68 |
| Storage Temperature: | -40°C to +105°C |
| Operation Temperature: | -25°C to +105°C |
| Certifications: | Reach Approved, RoHS Approved, CE Approved, ATEX Approved. |

Physical Specification:

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| Size: | 120x30mm, Front hole: D4mmx2; Side hole:10x2mmx2 |
| Thickness: | 10mm |
| Material: | PA66 |
| Colour: | Black or other colors customizable |
| Mounting Methods: | Screw , Adhesive , Cable tie |
| Weight: | 46g |

Dimensions:

