IDT1000 Series

UHF Hard Tags

Ultra Rugged



Features:

Ultra Rugged RFID Tag – High-Pressure-Resistant Tag for Extreme and Outdoor Applications

Specifications	
RFID Protocol	EPC Class1 Gen2, ISO18000-6C
Frequency	865 - 868MHz (EU)
IC Type	Alien Higgs-9
Memory	96-bit (Up to 496-EPC Bits) 688-bit user memory 48-bit Unique TID
Material	PC (Polycarbonate) / PPS (Polyphenylensulfid) Engineering Plastic / 304 Stainless Steel
Mounting Method	Screw / Adhesive / Binding / Embedded in Concrete
Applicable Surface	Metal Surfaces / Non-Metal Surface
Operating Temperature	-40°C to +85°C up to -25°C up to +105°C
Storage Temperature	-40°C to +85°C up to -40°C to +150°C
IP Rating	IP68 / IP69K
Certifications	Reach Approved, RoHS Approved, CE Approved

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UHF Ultra Rugged Tags

	Size	Read Range	Operating Temperature	Storage Temperature
 IDT1121	D: 80.0 x 6mm	Fixed Reader: 1.8m Handheld: 1.1m	-40°C to +85°C	-40°C to +100°C
 IDT1122	120.0x 30.0x 10mm	Fixed Reader: 9.3m Handheld: 5.8m	-25°C up to +105°C	-40°C to +105°C
 IDT1123	51.0x 47.0x 10mm	Fixed Reader: 7.5m Handheld: 4.5m	-40°C to +85°C	-40°C to +85°C
 IDT1124	46.5x 31.5x 7.5mm	Fixed Reader: 6.6m Handheld: 4.6m	-25°C up to +100°C	-40°C to +150°C
 IDT1192	50 x 28 x 13mm	Fixed Reader: 6.0m Handheld: 2.0m	-50°C to +300°C	-50°C to +300°C
 IDT1193	25.4 x 12.7 x 1.6mm	Fixed Reader: 6.0m Handheld: 2.0m	-50°C to +200°C	-50°C to +200°C
 IDT1194	D: 5 x 175mm	Fixed Reader: 7.0m Handheld: 2.0m	-50°C to +180°C	-50°C to +180°C
 IDT1195	132 x 13 x 19mm	Fixed Reader: 7.0m Handheld: 2.0m	-50°C to +180°C	-50°C to +180°C

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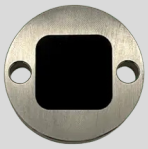
	Size	Read Range	Operating Temperature	Storage Temperature
 IDT1196	150 x 20 x 12mm	Fixed Reader: 7.0m Handheld: 2.0m	-50°C to +160°C	-50°C to +160°C
 IDT1197	170 x 25 x 7.0mm	Fixed Reader: 7.0m Handheld: 2.0m	-50°C to +200°C	-50°C to +200°C
 IDT1198	38 x 24 x 13mm	Fixed Reader: 3.0m Handheld: 1.0m	-40°C to +200°C	-40°C to +200°C
 IDT1199	D: 48 x 6.0mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +350°C	-50°C to +200°C
 IDT1200	D: 44 x 12.0mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C

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