



Model: Thor-ZD8825

The Thor-ZD8825 UHF RFID Tag is engineered for optimal performance on metal surface equipment in harsh outdoor conditions. Made from durable ABS material and featuring IP68 protection against rain and dust, it offers an impressive read range of 25 to 42 feet and operates flawlessly in temperatures from -4°F to 176°F. Ideal for filming sites, outdoor events, construction sites, and industrial facilities, the Thor-ZD8825 ensures reliable, long-range tracking and asset management where you need it most.

PHYSICAL	
Dimension	80mm x 25mm
Shell Material	ABS
Inlay Substrate	ABS
Use Case	On metal assets
Installment	3M Glue, Pivot, Screw
Weight	11 Gram
Color	White
Data Printing Method	Laser

ENVIRONMENTAL	
Classification	IP68
Operating Temperature	-20°C to 80°C (-4°F to 176°F)
Working Mode	Passive
ELECTRICAL/RF	
Typical Read Range	8-13 Meters (25 - 42 Feet)
Frequency	902 - 928 MHz
IC Platform	UCODE8
Memory	EPC 128 bits, TID 96 bits
Chip Service Life	100,000 times
Data Retention	10 Years
IC Protocol	EPC Global Class1 Gen2, ISO 18000-1C



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