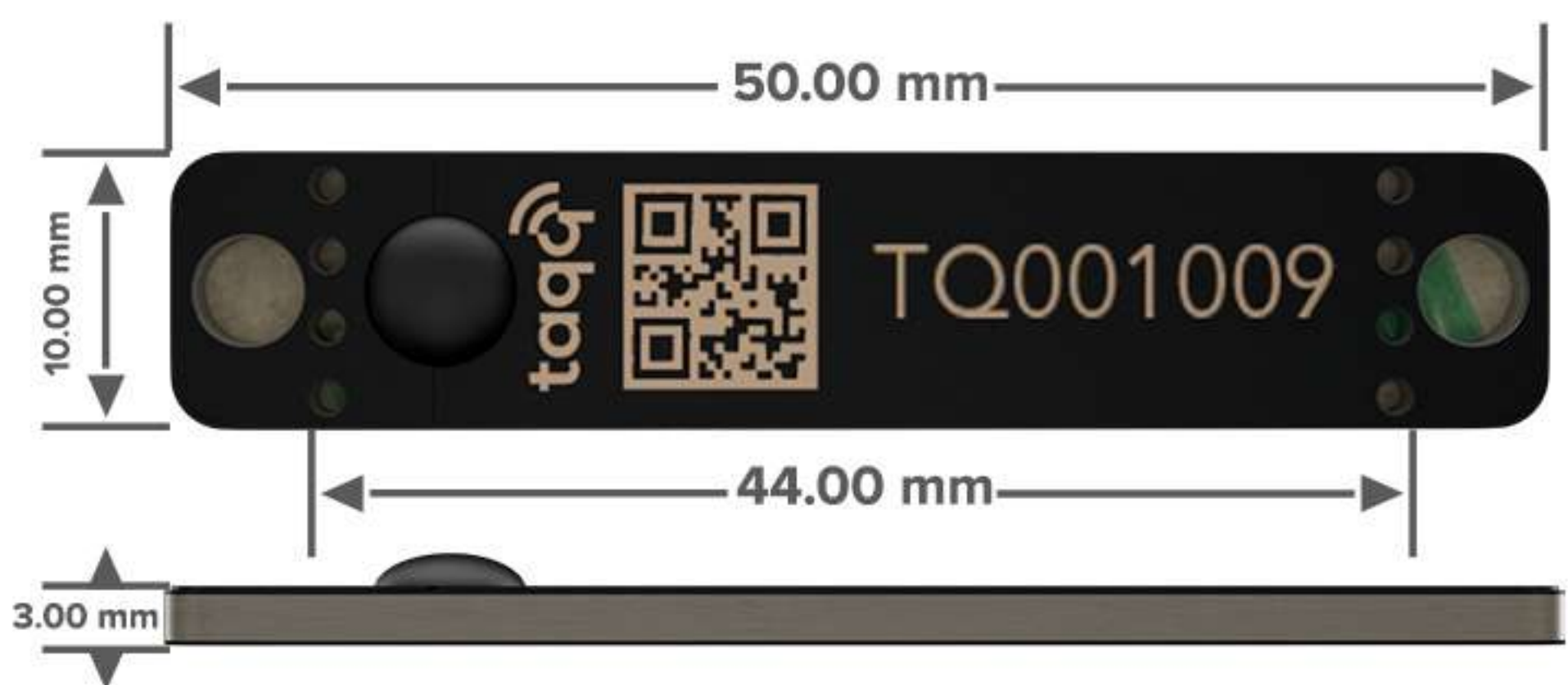




RFID Tags Made for Filming Industry

# Model: JUPITER-G5010

JUPITER-G5010 is an anti-metal UHF RFID tag designed to provide a long read range of approximately 19 to 32 feet when installed on metal surface. JUPITER-G5010 is suitable for equipment such as light fixtures, stands, cases, power supplies, and other metal surface equipment. It is durable and can handle severe operating environment temperatures from -58° F to 185° F.



## PHYSICAL

Dimension	50mm x 10mm x 3mm 1.97" x 0.39" x 0.12"
Material	PCB
Use Case	On Metal
Attachment	High-performance 3M adhesive, or epoxy, or screw mounted
Weight	3.33 – 3.35 Grams
Color	Black with laser edge printing in copper, or custom colors of red, blue and white with contrast color prints

## ENVIRONMENTAL

Classification	IP68
Operating Temperature	-50° C to 85°C (-58° F to 185° F)
Working Mode	Passive

## ELECTRICAL/RF

Typical Read Range	6 to 10 Meters (19 to 32 Feet)
Frequency	902-928 MHz or 856-868 MHz
IC Platform	Ucode 8
Memory	EPC 128 bits, TID 96 bit Password Area: 32 Bits Access Password, 32 Bits Code Destruction (Readable and Writable)
Chip Service Life	Write 100,000 times, 50 years data retention
Anti-static Ability (ESD)	2000V (HBM)
RFID Protocol Standard	ISO/IEC 18000-6C, EPC Class 1 Gen 2
Antenna Manufacturing Process	Copper etching



Engineered for  
Filming Equipment.

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