

SIGMA820 UHF MULTI-DUTY TAG

Reliable. Durable. Efficient.
Built for demanding applications.

The Sigma820 UHF Multi-Duty Tag is a high-performance RFID tag designed for a wide range of industrial and commercial applications.

With its slim profile, rugged construction and strong on-metal performance, it delivers excellent reliability and long-range readability even in harsh environments.



UHF RFID
TECHNOLOGY



ON-METAL
PERFORMANCE



IP68
RATED



RUGGED
CONSTRUCTION



LONG READ
RANGE

KEY FEATURES

- ✓ UHF (860 – 960 MHz) technology
- ✓ Excellent on-metal performance
- ✓ Up to 9 metres* read range
- ✓ IP68 rated – waterproof and dustproof
- ✓ Rugged and durable construction
- ✓ Slim and compact profile
- ✓ Resistant to shock, vibration and impact
- ✓ Wide operating temperature range
- ✓ Adhesive or screw mounting options
- ✓ Suitable for industrial and outdoor use

SPECIFICATIONS

Product Name	Sigma820 UHF Multi-Duty Tag
Frequency	860 – 960 MHz (Global)
Protocol	ISO 18000-6C / EPC Gen2
Chip Option	Alien Higgs-3
Memory	EPC 96 bits, TID 512 bits
Material	Engineering Plastic (ABS)
Dimensions	80.0 x 20.0 x 3.5 mm (L x W x H)
Weight	~6.8 g
Read Range*	Up to 9 metres
Mounting	Adhesive / Screw
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +100°C
IP Rating	IP68
Colour	Black
Applications	Metal asset tracking, tools tracking, industrial identification, logistics and supply chain management.

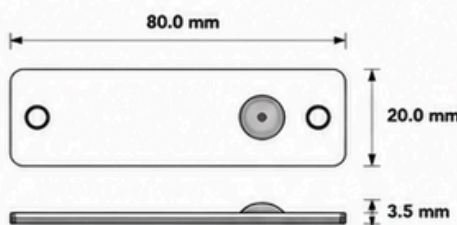
*Read range is dependent on reader, antenna and environment.

AVAILABLE CHIP OPTION

CHIPSET	MANUFACTURER	MEMORY	READ RANGE*
Alien Higgs-3	Alien Technology	EPC 96 bit TID 512 bit	Up to 9 m

*Read range is dependent on reader, antenna and environment.

DIMENSIONS



MOUNTING OPTIONS

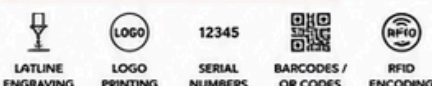
ADHESIVE MOUNTING
Strong adhesive backing for quick and easy installation.



SCREW MOUNTING
Screw holes for secure and permanent installation.



PRINTING & CUSTOMISATION



RECOMMENDED READER ★



Chainway C72 UHF Android 13 Mobile Scanner

- ✓ Up to 9 m read range
- ✓ Android 13 OS
- ✓ 5.2" Full HD Display
- ✓ UHF RFID (860 – 960 MHz)
- ✓ Wi-Fi, Bluetooth, 4G, GPS
- ✓ IP65 rated
- ✓ Ideal for asset tracking, inventory and field applications

WHAT'S IN THE BOX



**Sigma820 UHF
Multi-Duty Tags**
Quantity as ordered

- ✓ Bulk packed securely

Mounting accessories not included.
Available separately.

