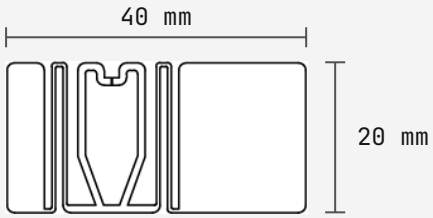
QUANRAY QSTAR 7U

# UHF RFID Inlay 40 × 20 mm (Foldable)




Antenna pattern drawn at the nominal inlay size when printed at 100 %.

READING DISTANCE

**2.5 to 5 m**

FREQUENCY

**860 to 960 MHz (Global)**

EPC MEMORY

**128 bits**

## AVAILABLE FORMATS

| | |
|---|---|
| Dry inlay | 40 × 20 mm (Foldable) |
| Wet inlay | 40 × 20 mm (Foldable) |
| Sticker label | 45 × 20, 50 × 20, 50 × 25, 54 × 34, 57 × 38, 76 × 20, 76 × 22, 87 × 41, 125 × 22 mm (label sizes) |

The label must be larger than the inlay inside.

## APPLICATIONS

- Retail & Apparel Tagging
- Inventory Management
- Supply Chain & Logistics
- Asset Tracking
- Access Control
- Document Tracking

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Chip | Quanray Qstar 7U |
| Origin | Made in Vietnam |
| Material | PET, Aluminum on PET |
| Protocol | EPCglobal Gen2v2 / ISO 18000-6C |
| EPC Memory | 128 bits |

| | |
|---|---|
| Frequency | 860 to 960 MHz (Global) |
| TID Memory | 96 bits |
| User Memory | 128 bits |
| Data Retention | 50 years (@ 27°C) |
| Write Endurance | 100,000 cycles |
| Reading Distance | 2.5 to 5 m |