

KTS RFID Security Port – Impinj Speedway xPortal

It is a small sized product, perfect for tracking and securing workspaces of items identified with UHF RFID TAGs.



OVERVIEW

Recommended usage	Entrance / Exit Ports
Area of use (standard)	$\leq 65 \text{ m}^2$
Dimensions	77.5 x 22.2 x 5 cm
Weight	3 kg
Frequencies	UHF (865,6 – 867,6 MHz)

BENEFITS:

- ✓ **Continuous monitoring** – a single Security Port covers an area of up to 65 m^2 ; extending the coverage is possible by using multiple RFID security ports.
- ✓ **DLPA Technology Antenna** – the elements are identified when passing through the reading points by two dynamically managed reading zones.
- ✓ **Compact design**– a small profile that allows easy installation directly on the wall or on the ceiling.



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TECHNICAL DETAILS:

Details	Values
Recommended Usage	Portals and entrances
Air Interface Protocol	RAIN RFID: EPC global UHF RFID Class 1 Gen2v2 / ISO 18000-63
Number of Antenna Beams	2
Operating Modes	Inventory (tag monitoring)
Coverage Area (typical)	≤ 700 ft ² (65 m ²)
Dimensions	30.5 x 8.75 x 2 in (77.5 x 22.2 x 5 cm)
Weight	6.5 lbs (3 kg)
Max Receive Sensitivity	-84 dBm
Software supported	Octane SDK (.NET and Java), LTK (C, C++, .NET, Java), ItemTest, ItemSense
3dB beam width - sum of all antenna beams	120° major axis, 80° minor axis
Mounting	Vesa 75, Vesa 100, Keyhole slots or Direct Attach
Sealing / Temperature / Humidity	IEC IP52 / Operating -20°C to 50°C; Storage -20°C to 50°C / 5% to 95% non-condensing
GPIO support	YES
Management Interface	Impinj Web UI; Impinj Rshell Management Console using console port or SSH; SNMPv2/v3 MIBII; EPCglobal Reader Management v1.0.1; Syslog
Network Connectivity	10/100BASE-T
RoHS Compliant	YES
Power Sources	802.3af PoE or AC-DC power supply rated for 24Vdc/2.1A
Power Consumption	Idle 7 W; Maximum power 15.4 W

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