

# RFID TAG FOR PDRM WEAPON SPECIFICATION

**MODEL: UMT 13X5X2**

## Features

- Support ISO18000-6C EPC Gen2
- Read distance up to 1.5 meters
- Small form factor and light weight ideal for small item tagging
- Withstand very high temperature
- Tested by Police force in harsh environment
- Gone thru diesel, kerosene, mud, sand, fire and multiple drop tests done by PDRM.

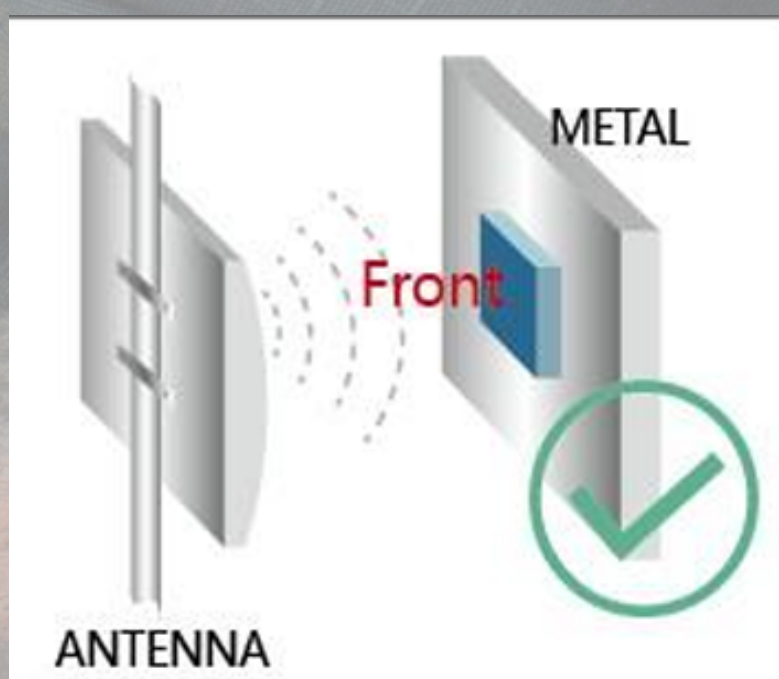


## Application

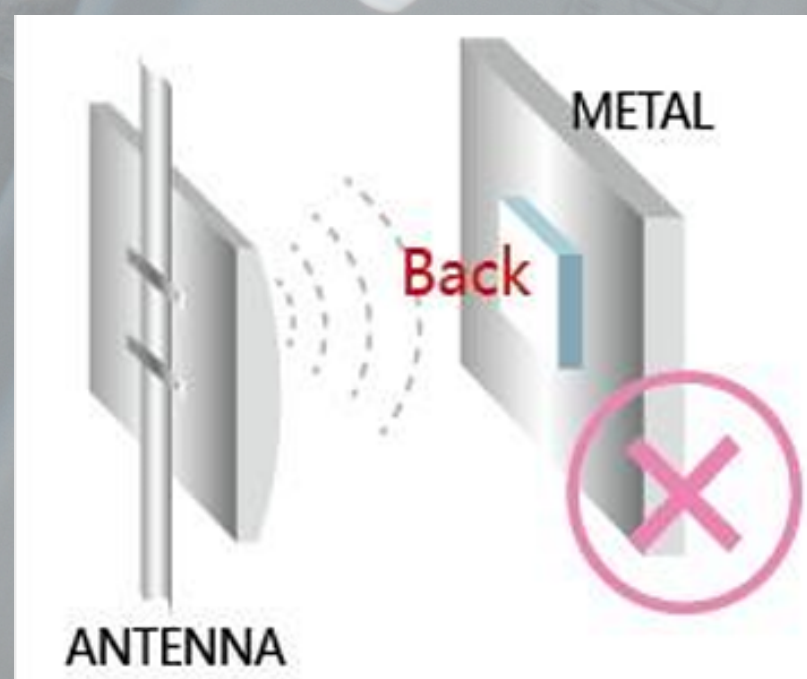
- PDRM EVO -RFID Desktop Reader Only (USB) • PDRM UD-20 - RFID Desktop Reader/Writer.
- Mobile RFID handheld Reader.
- Support PDRM SPAIB System.
- Support PDRM WMS (Weapon Management System) applications (IPK Perlis, IPD Pasir Mas, IPK Sabah)

## Installation and Precautions

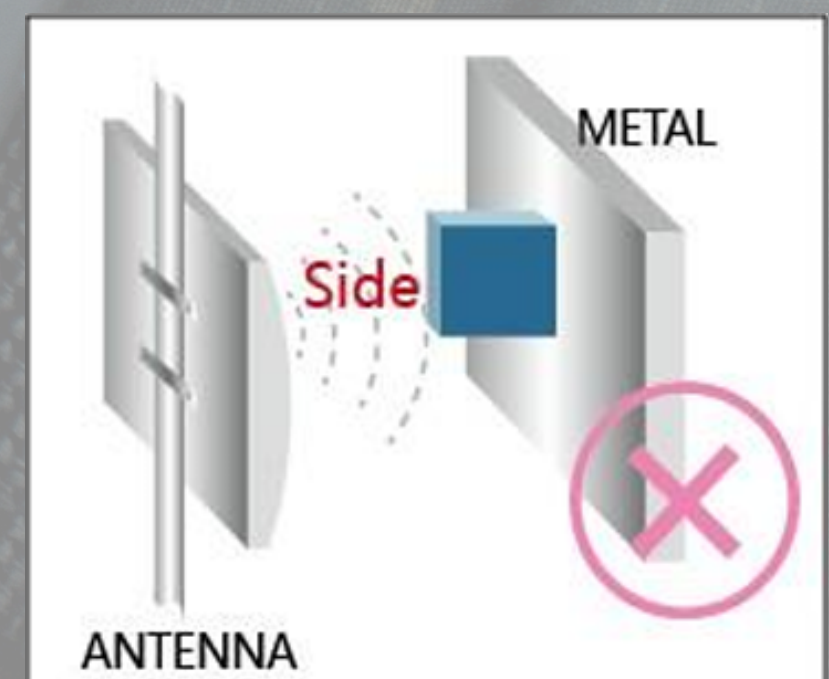
**Installation: double-side tape**



- With the front facing the antenna



- With the back facing the antenna



- With the side facing the antenna

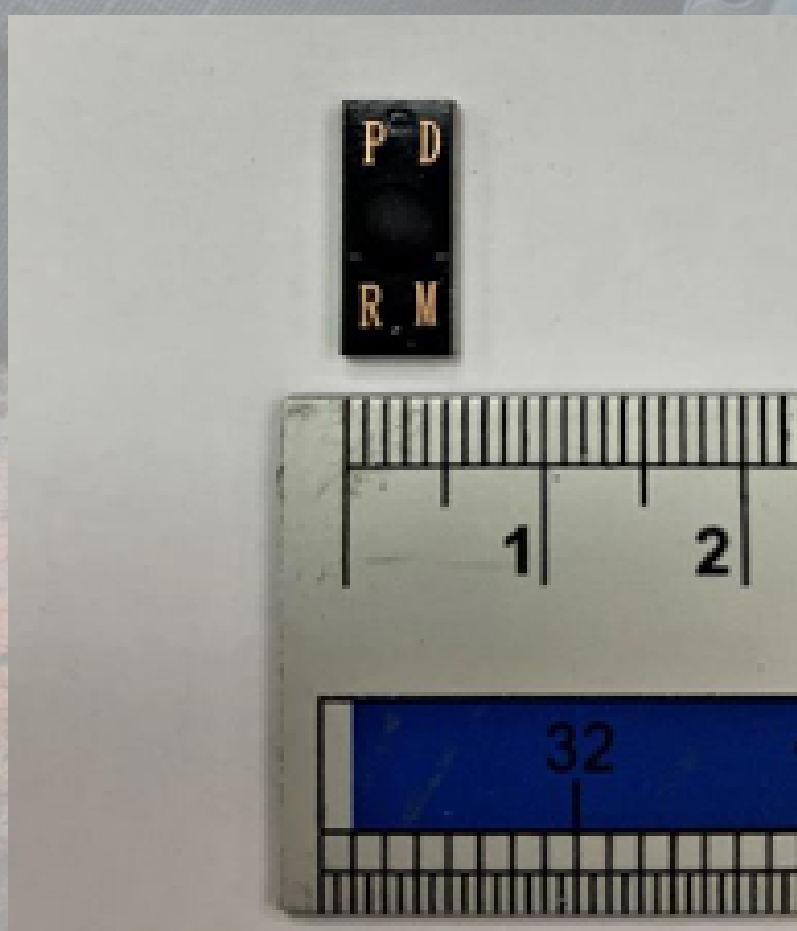


# Functional Specifications

<b>RF air protocol :</b>	<b>EPC Class 1 Gen 2; ISO18000-6C</b>
<b>Operating frequency :</b>	<b>UHF 902-928 MHz (US); 866-868 MHz (EU)</b>
<b>IC type :</b>	<b>Alien Higgs-3</b>
<b>Memory configuration :</b>	<b>96-EPC bits; 512-bit user memory</b>
<b>Functionality :</b>	<b>Read / write (user programmed)</b>
<b>Memory – expected read / write cycles :</b>	<b>100,000 cycles at 77°F (25°C)</b>
<b>Data retention :</b>	<b>50 years</b>
<b>Read rate:</b>	<b>300tags per second for 96-EPC bit number</b>
<b>Warranty (limited) :</b>	<b>1 year *Extended warranty available based on contract</b>

## RFID Tag

<b>Name :</b>	<b>UMT- 13x5x2</b>
<b>Material :</b>	<b>Copper</b>
<b>Operating Temp :</b>	<b>-20°C to 70°C</b>
<b>Humidity :</b>	<b>10% to 100%</b>
<b>Frequency Ranges :</b>	<b>860 to 960 MHz</b>
<b>Read Range :</b>	<b>1.5 m @ 30dBm RF power (8dbi antenna gain)</b>



**Actual Size Photo**



**Zoom Image of RFID Tag**