

## UHF 8dbi Plate Antenna Circular Polarization



UHF  
Reader

Model : SID-ANT-U8CP-4516

Size : 450 x 165 x 20 mm

Weight : 850 g

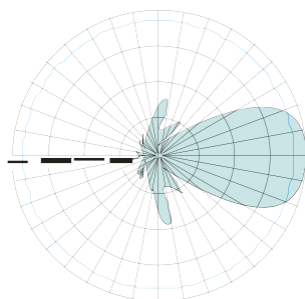
## GENERAL DESCRIPTION

SID-ANT-U8CP-4516 is a high performance UHF RFID antenna. It can be widely applied in many RFID application systems such as logistics, access control, anti-counterfeit and industrial production process control system.

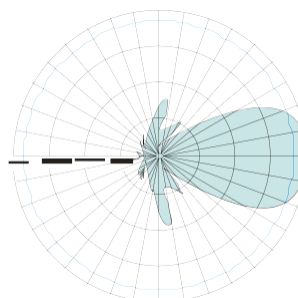
## SPECIFICATIONS

| ITEM                  | COMMENT            |
|-----------------------|--------------------|
| Frequency range*      | 920 ~ 925 MHz      |
| Gain                  | 8 dbi              |
| Polarization          | Circular           |
| Connector             | SMA-Female         |
| Beam Width            | Hor: 45° Vert: 45° |
| V.S.W.R               | ≤ 1.4              |
| Nominal Impedance     | 50 Ω               |
| Maximum Power         | 50 W               |
| Lightning Protection  | DC ground          |
| Radome Material       | ABS                |
| Operating Temperature | -35 ~ 65 °C        |
| Storage Temperature   | -40 ~ 70 °C        |
| Packing Size          | 470 x 225 x 40 mm  |
| Gross Weight          | 1000 g             |

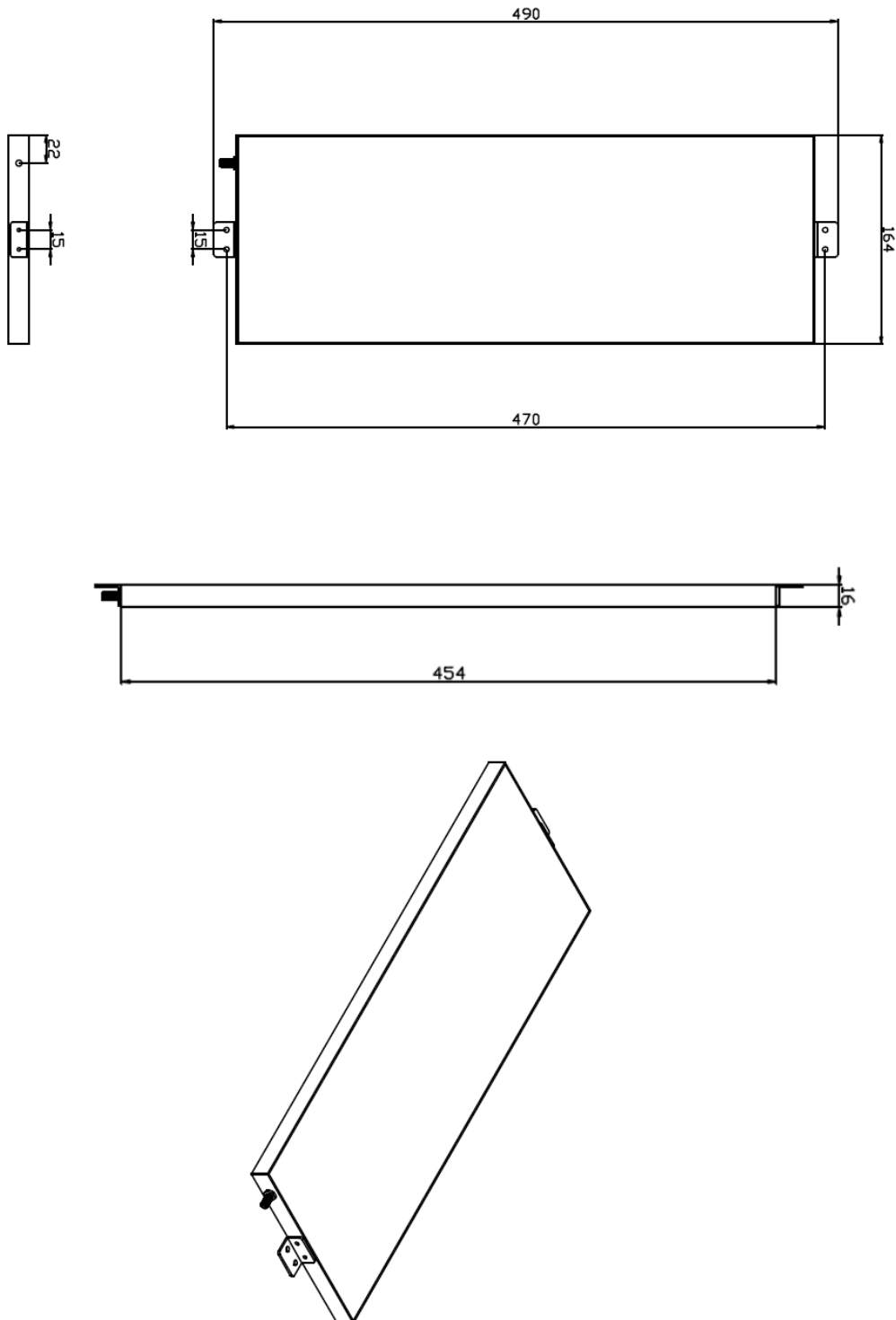
\*Other frequency range is optional.



H-Plane



E-Plane



**Remark:**

1. Specifications are subject to change, please pay attention to our latest one.
2. Smart Identify Ltd. reserves the right to the final interpretation of the above terms.