

## UHF RFID Antenna



### Quick Details

LDR-UA01 UHF RFID Antenna belongs to ISO18000-6C & EPC Class 1 Gen2 protocol which can read UHF RFID EPC tags in a long distance. It can only work with UHF RFID Reader Hub together as the antenna signal responder. With ABS material, it can be installed outdoor for waterproof RFID systems.

### Description

RFID Parameter	
Model No.	LDR-UA01
Type	Passive UHF RFID Antenna
Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
Antenna Type	8dbi circularly polarized Auto-gaining antenna
Connector Type	N-female, others optional
Working Mode	Need to work with RFID reader hub
Read&Write Range	Read 1-6m adjustable, tag and environment dependent
Anti-collision	Support multiple tags reading
Physical Parameter	
Size	260x260x45mm/10.24x10.24x1.77inch (LxWxT)
Material	ABS Waterproof
Mounting	Pole/Ceiling
Operating temperature	-10°C ~ +60°C

Protection Level	Outdoor IP54
HOR/VER	60°/60°
Front-to-back Ratio	≥25dB
Input Impaction	50Ω
VSWR	≤1.3
Max input power	100W
Lightning protection	DC ground
Rated Wind Velocity	60m/s
Operating humidity	20% ~ 90%RH
Accessories	1×Bracket, 1×Connection cable
Package	1unit/carton

## Application

- ✓ Intelligent traffic management, such as custom clearance, parking lot;
- ✓ Logistics such as container management, pallet management
- ✓ Ticketing, school attendance, asset tracking;
- ✓ Access control, automatic weighing;
- ✓ Animal tracking;