

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	260×260×45mm/10.24×10.24×1.77inch (L×W×T)
Material	ABS Waterproof
Mounting	Pole/Ceiling
Operating temperature	-10℃ ~ +60℃
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;