

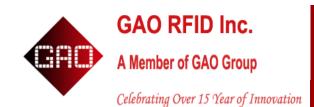
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The 902 to 928MHz Guardwall antenna provides a tightly controlled read zone and intense RF field penetrating deep into packed cases thus is ideal for item-level reading of packed goods. Used in pair, this antenna absorbs energy from its opposing mate so that very little passes beyond the exterior face. This combination maximizes stray read rejection by constraining the read zone to the area within the two antennas. It also increases read reliability by maximizing the intensity within the read zone. A pair of these antennas used together creates an intense, well-contained read zone.

Key Features

- Well-controlled read zone minimizes
 stray reads
- ✓ Designed for RoHS compliance
- Optimize for reading item-level tags packed in cases



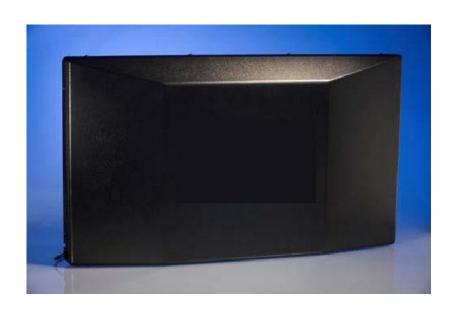


Specifications

| IP Rating | IP51, indoor use only |
|----------------------|---|
| Temperature | 0°C to 40°C, indoor use only |
| Humidity | 5 to 95%, relative, non-condensing |
| RoHS | N/A, designed to meet RoHS, not certified RoHS |
| Frequency Range(FCC) | 902MHz to 928MHz North America |
| | 865Mhz to 868 Europe |
| Far Field Gain | 6dBi |
| Polarization | Dual elements with separate connectors for two circular polarizations |
| | (RHCP and LHCP) |
| Axial Ratio (Max) | 3dB |
| 3-Db Beamwidth | 55Deg |
| Front to Back Ratio | 22dB |
| VSWR | 1.5:1, 50Ω reference |
| Input Power | 30dBm absolute max |
| Weight | 5kg |
| Connector | 2X SMA female, Requires accessory cable to connect to reader's RP-TNC |
| | connector |
| Radome | ABS, Designed to meet RoHS, not certified RoHS |
| Backplane | Aluminum, Alloy 5052 H32, class 3 iridite finish |
| Enclosure | Aluminum, painted black, designed to meet RoHS, not certified RoHS. |
| Dimensions | 702mm. × 402mm. × 73mm. (27.6in. × 15.8in. × 2.9in.) |







GAO Group

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