



High-Performance Area Antenna

**Mount around doorways and dock doors
for high throughput tracking**

High-Performance Antenna Arrays

Matrics general purpose antennas (Model: ANT-GP-HP) are fully packaged, high performance, rectangular antenna arrays:

- ▶ 28.25" long x
- ▶ 12.5" wide x
- ▶ 1.5" thick.

They meet standard technical requirements necessary to start any RFID project, and come ready for implementation with Matrics' Readers - Stationary Reader SR-400 and Advanced Reader AR-400.



The Antenna for High-Capacity, High Throughput Environments

Matrics general purpose antennas are intended for long range and large area Matrics RFID tag reading. Optimized to perform in a variety of industrial and retail environments, they can easily be mounted indoors on ceilings and walls to create read zones around shelves, doorways and dock doors.

Matrics general purpose antennas are solid state devices that contain no moving parts or mechanical switches. After installation, there is no configuration necessary to become operational.

**Matrics High-Performance Antenna's
for Increased pallet Visibility**



HIGHLIGHTS:

- ▶ Wide Read Field
- ▶ High Speed RF Signal Conversion



BROADEN YOUR VIEW

WITH

RFID

Technical Specifications

Characteristic	Description
Name/Model & Part Number	General Purpose Antenna (Model: ANT-GP-HP; PN: 250012-001)
Type	Two circular polarized patch array
Dimensions	28.25" long x 12.5" wide x 1.5" thick
Weight	Approximately 8 pounds
Casing	Aluminum with PVC plastic cover
Temperature	Operating: 0° to +50° C (+32° to +122° F) Storage: -20° to +70° C (-4° to +158° F)
Connectors	Two (2) type "N" female connectors
Voltage Standing Wave Ratio (VSWR)	1.25
Isolation -db	-37
3db Beam Width	60°
Gain in dbd/linear	6.75



Highlights

- ▶ Wide Read Field
- ▶ High Speed RF Signal Conversion



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- ▶ MATRICS, INC
- ▶ 7361 CALHOUN PLACE, SUITE 250
- ▶ ROCKVILLE, MD 20855
- ▶ 301.601.6100

- ▶ ASIAN OPERATIONS:
- ▶ 11 Orchard Turn #06-08
- ▶ Singapore 238800
- ▶ (65) 6839.1193