



Key Features

Compact and Durable

High quality construction of corrosion resistant coated galvanized steel with stainless steel bracket system offers precise rugged mechanical aspects and maintenance free operation

High Performance Radiation Pattern

Superior RF and Ground Plane Design to Ensure Maximum Directivity and Minimizes Leakages

Low Loss High Efficiency Radiation System

Exceptional VSWR ranging from 1.3 to 1.5 to maximize electrical to wireless power transfer

Low Side and Back Lobe Radiation

Easier Frequency Coordination and Interference Mitigation

Low Visibility

Neutral Color and Sleek Design Minimizes Visual Impact to Deployment Area

Work Well in Highly Congested Area

Antenna Directivity Optimizes License Free Radio Spectrum to Provide More Aggregated Bandwidth Per Deployment Area

Center Pin Grounded

Minimize Transient Voltage Protection for Connected Radio System

General Technical Specifications

Electrical

3dB Horizontal Beamwidth	8°
3dB Vertical Beamwidth	5°
Polarization	Linear
Impedance	50 ± 5 Ohms

Mechanical

Connector Type	N Female
Temperature Range	-20°C to +60°C
Random Color	White Corrosion Resistant Enamel
Random Material	ABS
Random Base Material	Galvanized Steel
Mounting Method	Horizontal
Max Pole Size	2 inches

AirEther™ GA Series

2.4GHz and 5GHz Grid Antennas

Inscape Data Corporation, the leading outdoor network appliance company, offers a broad range of high gain antennas, 9dBi to 29dBi, for every major license free air interface technology with broad deployments in all regions. The portfolio of Inspace Data grid antenna system includes all-weather antennas for outdoor long range license free radios and WiFi systems in bands ranging from 2.4GHz up to 6GHz. The high performance and low loss grid antennas are built ground up with focus on reliability, durability, and performance. Inspace Data grid antenna offers the best return on investment for the license free long range wireless industry.

Applications



WIRELESS NETWORK SOLUTIONS

Building to building wireless connectivity or point to multipoint wireless bridges, Inspace Data outdoor antenna system provides high reliability and performance for the most demanding wireless networking applications



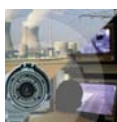
WIRELESS INFRASTRUCTURE

Complete outdoor wireless infrastructure antenna solutions from Inspace Data catering to wireless internet service providers, municipalities, SCADA, wireless machine to machine, telemetry, institutions, campuses, and more. Inspace Data is your one-stop source for high performance economical antenna solutions



CARRIER SOLUTIONS

Inscape Data antenna solutions provide the best in class transmission electrical characteristics between 2.4 GHz and 5.8 GHz. The high performance characteristics keep the carrier wide-band high capacity backhaul and wireless transmission networks moving in the most extreme weather conditions



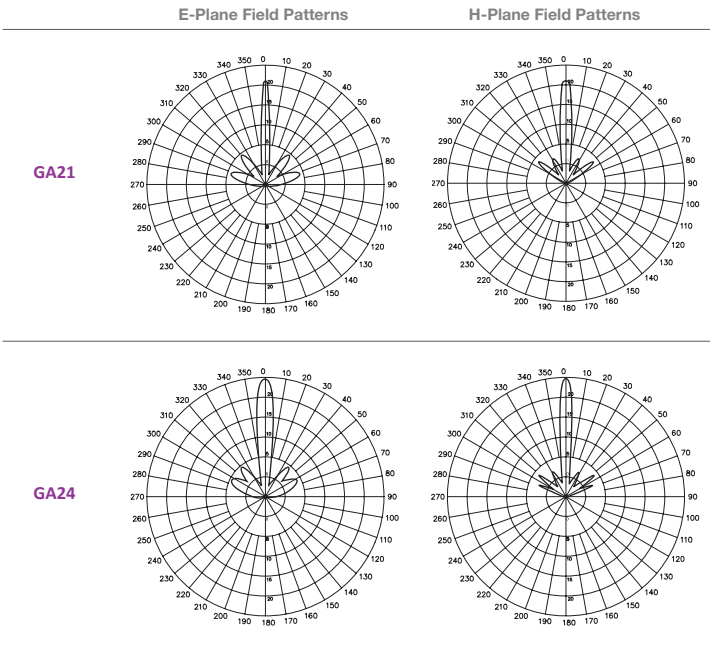
WIRELESS VIDEO SECURITY

For hard to wire video applications, Inspace Data outdoor antenna system economically transmit and receive sensitive security images to secure parking lots, property perimeter, and even the most remote places

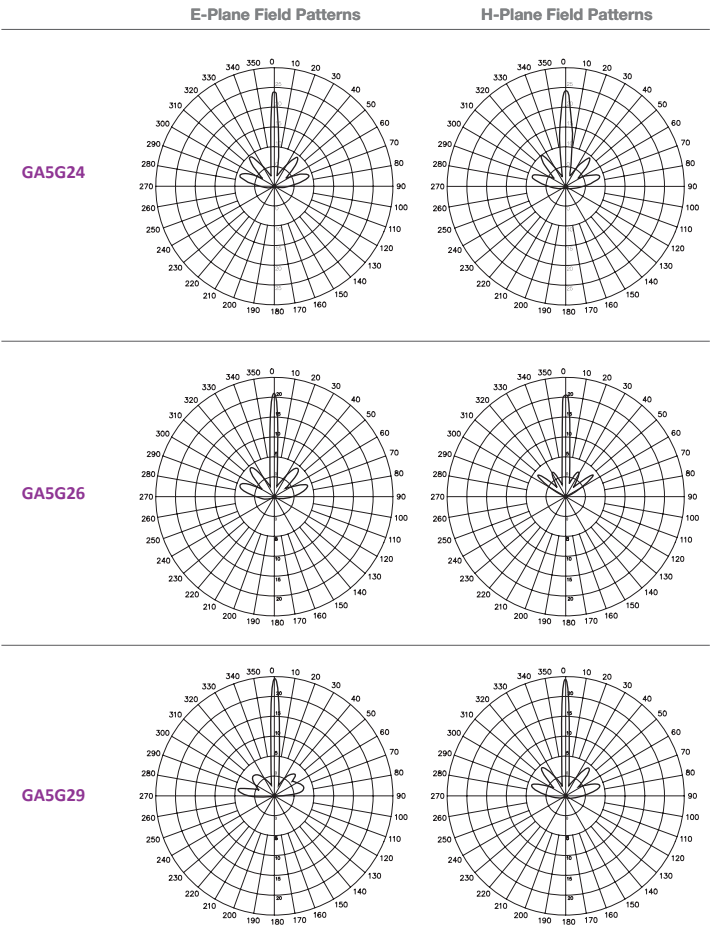
System Configurations

Band	2.4GHz		5GHz		
Model Name	GA21	GA24	GA5G24	GA5G26	GA5G29
Electrical					
Frequency Range	2400~2500MHz	2400~2500MHz	5100~5900MHz	5100~5900MHz	5100~5900MHz
Gain (dBi)	21 dBi	24 dBi	24 dBi	26 dBi	29 dBi
Front-to-Back Ratio	30dB	35dB	30dB	30dB	35dB
Maximum Power Input	15W	25W	20W	20W	25W
VSWR	1:1.5 Max	1:1.5 Max	1:1.5 Max	1:1.3 Max	1:1.3 Max
Mechanical					
Dimensions	L600xH435xD250mm	ø 900x250mm	L600xH435xD250mm	ø 610x250mm	ø 900x250mm
Weight	1.4Kg	4.21Kg	1.4Kg	2.87Kg	4.86Kg

2.4GHz GA Patterns

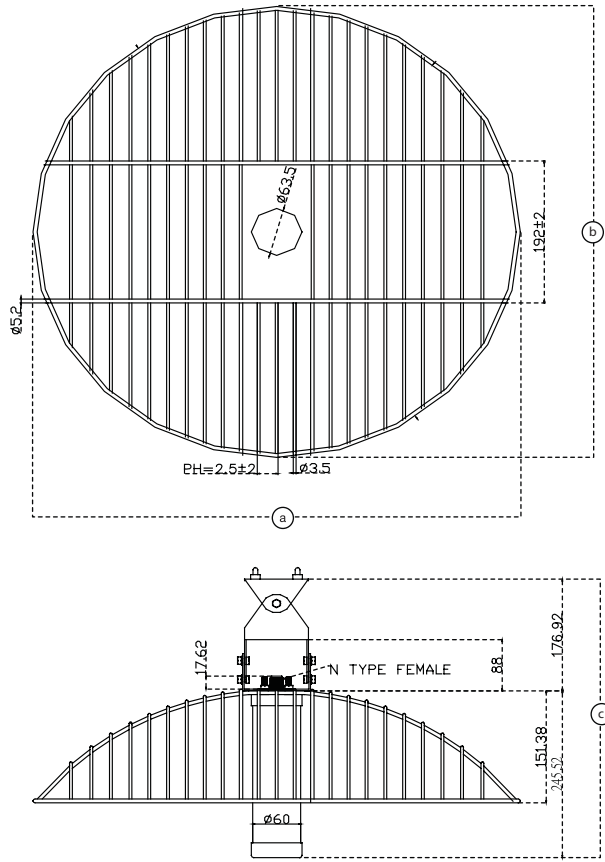


5GHz GA Patterns



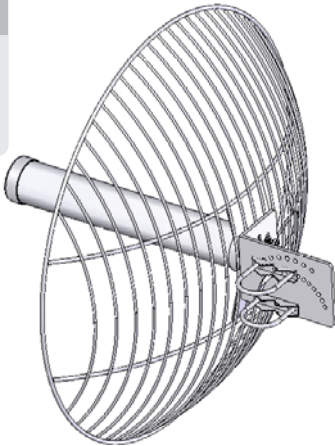
Dimensions & Interfaces

Frequency & Part No.	Dimension a x b x c
2.4GHz - GA21	600 x 435 x 250mm
2.4GHz - GA24	900 x 900 x 250mm
5GHz - GA5G24	600 x 435 x 250mm
5GHz - GA5G26	610 x 610 x 250mm
5GHz - GA5G29	900 x 900 x 250mm



Bracket Information

Bracket Type	Swivel Wall & Pole Mount
Max Pole Diameter	2 inches
Swivel Angel	+/- 90° (H) +/- 40° (V)
Material	Stainless Steel



Accessories

AC100
1M Low Loss Antenna Cable,
N-Male to N-Male



LSS0001
0~6GHz High Performance
RF Lighting Arrestor



Package Contents

- Grid Antenna
- Wall and U-bolt Pole Mount Kit
- Antenna Literature