

# GAHD18IRPTZ

## AHD Mini IR High Speed Dome Camera

*The GAHD18IRPTZ is a Mini IR High Speed Dome Camera suitable for a wide range of environments. It has 18x Optical Zoom, can reach up to 500m Video Transmission distance as well as up to 60m IR Distance in ideal conditions.*

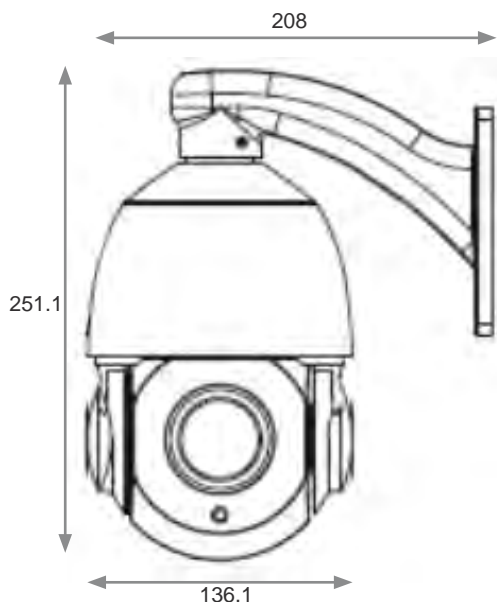


GAHD18IRPTZ

### Key Features

- AHD 1080P 1/3" CMOS
- 18x Optical Zoom
- 6 Piece Infrared Lights
- 60m IR Distance (In Ideal Conditions)
- 360° Endless Pan Range and 0-90° Tilt Range
- Video Transmission Distance up to 500m
- Up the coax PTZ control
- Supports 220 Presets, 8 Patrols, 4 Patterns
- Supports Auto-Flip
- Video Transmission Distance up to 500m
- DC12V
- IP66
- Wall Bracket Included

### Dimensions (mm)



## Technical Specification

|                        |  |
|------------------------|--|
| Model Number           | GAHD18IRPTZ  |
| Sensor                 | 1/3" Sony IMX 322 CMOS   |
| Resolution             | 1920 x 1080  |
| Illumination           | 0.1 Lux / F1.4 (Colour), 0.01 Lux / F1.4 (B&W), 0 Lux with IR          |
| Image                  | Flip / Mirror  |
| Exposure Mode          | Auto   |
| S/N                    | >50dB (AGC Off)  |
| 3D DNR                 | Yes  |
| 3D WDR                 | Yes (From Zoom Module Menu)  |
| BLC                    | On / Off   |
| Electronic Shutter     | 1/1~1/30,000s  |
| Scan System            | Progressive Scanning (Internal Synchronisation)                        |
| Day/Night Mode         | Support IR Cut Colour to B&W   |
| Focus Mode             | Auto / Manual  |
| Gain Control           | Auto / Manual  |
| Lens                   | Built-In   |
| Optical Zoom           | 18x  |
| Focus Range            | 4.7mm ~ 84.6mm (Close to Focal)  |
| Iris Range             | F1.6 (W) ~ 2.7 (T)   |
| Pan Angle              | 54.8° ~ 3.4° (Wide - Tele)   |
| IR Distance            | 60m (In Ideal Conditions)  |
| IR Angle               | 3 Angle Adjustable with Zoom In / Out                                  |
| Pan Speed              | 0.6° ~ 200°/s  |
| Tilt Speed             | 3.5° ~ 35°/s   |
| Tilt Range             | 0° ~ 90°, Auto Flip 180°   |
| Manual Speed           | High, Middle, Low for Adjustable                                       |
| Telemetry              | Up the Coax  |
| Preset                 | 220  |
| Patrol                 | 8, Each Patrol can add 32 Presets                                      |
| Pattern                | 4, Total Record Time more than 10 Minutes                              |
| A.B Preset Scan        | Support  |
| BNC Output             | AHD (1Vp-p, 75Ω), PAL/NTSC, BNC  |
| Park Function          | Support, Select Preset, Patrol and Pattern, A.B Scan, Pan Auto Running |
| Power Supply           | DC12V / 2A   |
| Power Consumption      | Max. 10W Day Time, Max. 30W Night Time (Not Including Heat)            |
| Working Conditions     | Temperature: -20°C ~ 60°C, Humidity: ≤90%RH (Frostless)                |
| IP Rating              | IP66   |
| Dimensions (H x W x D) | 251.1 x 208 x 136.1mm  |
| Weight                 | 3.5Kg  |

Genie CCTV reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

## Accessories

- **PSU35SM** - In-Line DC12V, 3.5A Output, Regulated Switch Mode PSU, with Fixing Mount