



**HAP312-ID-25**

**2 MP Turbo 5 Inch Speed Dome**



|  |  |
| --- | --- |
| HAP312-ID-25 Turbo 5-Inch Speed Dome is able to capture high quality images in poor light environment. The embedded CMOS chip makes WDR, and real-time 1920 × 1080 resolution possible. With the help of the 25× optical zoom, and IR cut filter, the cameraoffers more details over an expansive area. | * 1/2.8" HD progressive scan CMOS
* 1920 × 1080 resolution
* 25× optical zoom, 16× digital zoom
* 120 dB true WDR (Wide Dynamic Range)
* 3D intelligent positioning
* Switchable Turbo HD and CVBS outputs
 |



**Specification**

|  |
| --- |
| ***Camera*** |
| Model | HAP312-ID-25 |
| Image Sensor | 1/2.8" progressive scan CMOS |
| Max. Image Resolution | 1920 × 1080 |
| Frame Rate | 50Hz: 25fps @(1920 × 1080)60Hz: 30fps @(1920 × 1080) |
| Min. Illumination | Color: 0.005 Lux @(F1.6, AGC ON)B/W: 0.001 Lux @(F1.6, AGC ON) |
| White Balance | AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR |
| AGC | AUTO/MANUAL |
| DNR | 3D DNR |
| WDR | ≥ 120 dB |
| Shutter Time | PAL: 1/1 s to 1/10,000 sNTSC: 1/1 s to 1/10,000 s |
| Day & Night | IR cut filter |
| Digital Zoom | 16× |
| Privacy Mask | 8 programmable privacy masks |
| BLC (Backlight Compensation) | Yes |
| HLC (highlight Compensation) | Yes |
| EIS (Electric Image Stabilization) | Yes |
| Reginal Focus | Yes |
| ***Lens*** |
| Focus Mode | Auto/Semiauto/Manual |
| Focal Length | 4.8 mm to 120 mm, 25× Optical |
| Aperture Range | F 1.6 to F 3.5 |
| Field of View | Horizontal field of view: 57.6° to 2.5° (wide to tele) Vertical field of view: 34.4° to 1.4° (wide to tele)Diagonal field of view: 64.5° to 2.9° (wide to tele) |
| Min. Working Distance | 10 mm to 1500 mm (wide to tele) |
| Zoom Speed | Approx. 3.6 s (optical, wide to tele) |
| ***Pan and Tilt*** |
| Pan Range | 360° endless |
| Pan Speed | Pan manual speed: 0.1° to 250°/sPan preset speed: 250°/s |
| Tilt Range | -5° to 90° (auto flip) |
| Tilt Speed | Tilt manual speed: 0.1° to 150°/sTilt preset speed: 150°/s |
| Proportional Zoom | Rotation speed can be adjusted automatically according to zoom multiples |
| Presets | 256 |
| Patrol | 10 patrols, up to 32 presets per patrol |
| Pattern | 5 patterns, with the total recording time no less than 10 minutes |
| Power-off Memory | Yes |
| Park Action | Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/NightMode/None |
| PTZ Position Display | ON/OFF |



|  |  |
| --- | --- |
| Preset Freezing | Yes |
| Scheduled Task | Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/NightMode/Zero Calibration/None |
| ***Input/Output*** |
| Video Output | Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC) |
| Alarm | 2 alarm inputs, 1 alarm output |
| RS-485 Interface | Half-duplex modeSelf-adaptive HIKVISION, Pelco-P, Pelco-D protocol |
| UTC function | UTC protocol (or HIKVISION-C protocol in previous DVR) |
| ***General*** |
| Menu Language | English |
| Power | 24 VACMax. 18 W |
| Working Temperature | -10° C to 50° C (14° F to 122° F) |
| Working Humidity | 90% or less |
| Protection Level | IP66 standard (outdoor dome)TVS 4,000 V lightning protection, surge protection and voltage transient protection |
| Mounting | Various mounting modes optional |
| Dimension | HAP312-ID-25 (Indoor): Ø 156 mm ×243 mm (6.14" × 9.57")HAP312-ID-25 (In-Ceiling): Ø 156 mm ×236 mm (6.14" × 9.29") |
| Weight (approx.) | 3 kg (6.61 Ib.) |

**Order Model**

HAP312-ID-25

**Dimensions**

# Indoor

183 mm (7.20" )

243 mm (9.57" )

Ø 156 mm (6.14" )

4-Ø 4 mm

(0.16" )

# In-Ceiling

245 mm (9.64" )

236 mm (9.29" )

Ø 156 mm (6.14" )

Ø 224 ± 2 mm

(8.82" )

84 mm (3.31" )

46 mm

(1.81" )