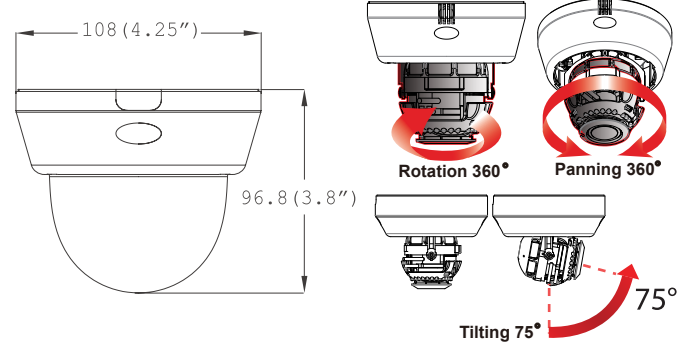
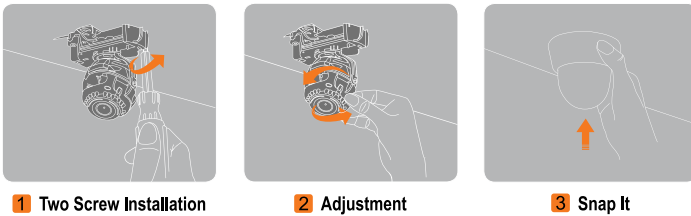




Dimensions (unit : mm)



Snapit Easy Installation 1 2 3



Summary

The HD421TIR is a 2.1 megapixel indoor dome camera with HD-SDI 1080P output. The camera outputs the clearest high definition images with its 1/2.8" CMOS sensor and features like 3D Digital Noise Reduction and Wide Dynamic Range. The command via coaxial cables offers the unique ability to control and configure the camera remotely from Digital Watchdog's VMAXHD DVR. Our simple to install housing series combined with our reliable camera technology series gives you a high quality camera in just a few minutes.

Features

- 1/2.8" CMOS Sensor
- Highest Resolution 2.1 Megapixels (HD-SDI)
- 3.5~16mm Remote Auto Focus
- 4.5 X Optical Zoom
- Digital Zoom
- 70ft Range IR with Intelligent Camera Sync
- TDN (True Day and Night/IR Cut Filter)
- WDR (Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- Programmable Privacy Zones (30) & Motion Detection
- Mirror & Flip
- OSD Control via Coaxial Cable (with DW-VMAXHD DVR Only)
- AGC / BLC / AWB
- RS-485 Built-in
- Secondary Video-BNC Output

Accessories (Optional)



DWC-D1WM
Wall Mount for D1 & D4 Housing

Specifications

| VIDEO | |
|-------------------------|--|
| Image Sensor | 1/2.8" CMOS Sensor |
| Total Pixels | 2000 (H) x 1241 (V) |
| Synchronization | Internal |
| Resolution | 2.1 Megapixels (1920 x 1080) at 30fps |
| Minimum Illumination | F1.6 (30IRE): 0.10 Lux [Color] F1.6 (30IRE): 0.01 Lux [B&W] |
| S/N Ratio | 50dB (AGC off) |
| Video Output | HD-SDI |
| LENS | |
| Focal Length | 3.5-16mm |
| Lens Type | Auto Focus |
| IR Distance | 70ft Range IR |
| OPERATIONAL | |
| Brightness | 0-20 |
| Shutter | AUTO / MANUAL |
| Digital Slow Shutter | OFF / X2 / X3 / X4 |
| Auto Gain Control | 0-20 |
| Lens Type | MANUAL / DC / AF |
| Lens Mode | OUTDOOR/ INDOOR FLK/ DEBLUR120/ DEBLUR240 |
| Auto White Balance | AUTO/ AUTO_H/ AUTO_I/ PRESET/ MANUAL/ AUTO_EXT |
| Privacy Zones | OFF / ON (30 Programmable Zones) |
| Digital Noise Reduction | OFF / LOW / MIDDLE / HIGH |
| Digital zoom | 1~112 |
| Chroma | 0-20 |
| Sharpness | 0-10 |
| Mirror & Flip | OFF / ON |
| Highlight Mask | OFF / ON |
| WDR / BLC | OFF / WDR / BLC |
| Language | ENGLISH / CHINESE / GERMAN |
| ENVIRONMENTAL | |
| Operating Temperature | -10°C ~ 50°C (14°F ~ 122°F) |
| Operating Humidity | Less than 90% (Non-Condensing) |
| Storage Temperature | -20°C ~ 70°C (-4°F ~ 158°F) |
| ELECTRICAL | |
| Power Requirement | DC12V Only (10V ~ 16V) |
| Power Consumption | 2.0W, 166.7mA / LED ON 3.5W, 291.7mA |
| MECHANICAL | |
| Housing Material | Plastic |
| Dome Cover Material | Polycarbonate |
| Dimensions | ø108 X 96.8 mm (ø4.25 X 3.8 in) |
| Weight | 0.529 lbs |

*Specification is subject to change without prior notice.