



HTD4166-25



FEATURES

2MP 36X IR Thermal & Optical Bi-Spectrum Network Speed Dome

- 1/1.9" Progressive Scan CMOS
- Support shutter adjustment in various modes
- 3D DNR, 15 palettes of color adjustable, image detail enhancement
- 650ft IR distance
- True Day/Night, 3D DNR, TRUE WDR
- 640×512 thermal module resolution, high sensitivity sensor, support contrast adjustment
- 24VAC

| Specifications | |
|----------------------|---|
| Model Number | HTD4166-25 |
| Thermal Image Sensor | Vanadium Oxide Uncooled Focal Plane Arrays |
| Thermal Resolution | 640 x 512 |
| Detector Pitch | 17μm |
| Response waveband | 8μm to 14μm |
| NETD | < 40mk (@25°C,F#=1.0) |
| Lens(Focal Length) | 25mm |
| MRAD | 0.68 |
| Field of View | 24.55° x 19.75° |
| Min. Focus Distance | 2 m |
| F-number | 1.0 |
| Image Sensor | 1/1.9" Progressive Scan CMOS |
| Min. Illumination | Color: 0.002 lux @ (F1.5, AGC On), B/W: 0.0002 lux @ (F1.5, AGC On) |

| Specifications | |
|-------------------------|--|
| Len Focal Length | 5.7 mm ~ 205.2 mm, 36X |
| Digital Zoom | 16X |
| Angle of View | 58.7 ~ 2.02 degree (Wide-Tele) |
| Min. Working Distance | 10 ~ 1500 mm (Wide-Tele) |
| Aperture Range | F1.55 ~ F4.5 |
| Range | Pan: 360° endless: Tilt -15° ~ 90° (Auto Flip) |
| Speed | Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset speed: 240°/s; Tilt Manual speed: 0.1° ~ 120°/s, Tilt Preset speed: 200°/s |
| Proportional Zoom | Rotation speed can be adjusted automatically according to zoom multiples |
| Number of Preset | 300 |
| Patrol | 8 patrols, up to 32 presets per patrol |
| Park action | Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan |
| Power-off Memory | Support |
| IR distance | UP to 650ft |
| IR Intensity | Automatically adjusted, depending on the zoom ratio |
| Audio input | 1 Mic in/Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10% |
| Audio Output | 1 Audio output interface, line level, impedance: 600Ω |
| Alarm I/O | 7/2 |
| Network Ethernet | 10Base-T / 100Base-TX, RJ45 connector |
| Max. Image Resolution | 2MP (1920 x 1080) |
| Frame Rate | 60Hz: 30fps (1920 x 1080) |
| Image Compression | H.264/MJPEG |
| Audio Compression | G.711ulaw/G.711alaw/G.726/MP2L2/G.722 |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE |
| Simultaneous Live View | Up to 20 users |
| Streams | Dual Streams |
| Mini SD Memory Card | Up to 64GB Micro SD/SDHC/SDXC card. Support Edge recording |
| User/Host Level | Up to 32 user, 3 Levels: Administrator, Camera control, Live view only |
| Security Measures | User authentication (ID and PW), Host authentication (MAC address), IP address filtering |
| Application programming | Open-ended API, Onvif, PSIA and CGI |
| Web Browser | IE7+ |
| Wiper | Yes |
| Power | 24 VAC, Max.60W |
| Operating Temperature | -40°C ~ 60°C (-40°F ~ 140°F) |
| Humidity | 90% or less |
| Protection Level | IP66 standard TVS 4000V lightning protection, surge protection and voltage transient protection |
| Dimensions | Φ10.5"×16.15" |

| Specifications | |
|-----------------------|--|
| Weight (approx.) | 8kg (17.64lbs) |
| Wall, Pendant Mount | W: HTH-602-ZJ, P: HTH-661(2)-ZJ |
| Pole, Corner Mount | P: HTH-602ZJ-POLE, C: HTH-602ZJ-CORNER |