

UN-DW2755-ZP

5 MP IR Vari-focal Network Dome Camera



- 1/2.9" Progressive Scan CMOS
- 2944 × 1656 @20fps
- H.265, H.265+
- 120dB WDR
- IP67, IK10
- IR range: up to 30 m
- BLC/3D DNR/ROI/HLC
- Smart encoding: Support low bit rate
- 4 behavior analyses and face detection
- Color: 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR
- Color: 0.014 Lux @(F1.4, AGC ON), 0 Lux with IR



Specification

| Camera | |
|-------------------------|---|
| Image Sensor | 1/2.9" Progressive Scan CMOS |
| Min. Illumination | Color: 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @(F1.4, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day & Night | IR Cut Filter |
| Digital Noise Reduction | 3D DNR |
| WDR | 120dB |
| 3-Axis Adjustment | Pan: 0° to 355°, Tilt: 0° to 75°, rotate: 0° to 355° |
| Lens | |
| Focal length | 2.8 to 12 mm |
| Aperture | F1.4 |
| Focus | Auto |
| FOV | Horizontal field of view: 88° to 27° Vertical field of view: 48° to 16° Diagonal field of view: 104° to 32° |
| Lens Mount | Φ14 |
| IR | |
| Wavelength | 850nm |



| Compression Standard | |
|--|--|
| Video Compression | Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264 |
| H.264 Type | Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2) |
| Smart Feature-set | |
| Behavior Analysis | Line crossing detection, intrusion detection, unattended baggage detection, object removal detection |
| Exception Detection | Scene change detection |
| Face Detection | Yes |
| Region of Interest | Support 1 fixed region for main stream and sub stream |
| Image | |
| Max. Resolution | 2944 × 1656 |
| Main Stream | 50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240) |
| Image Enhancement | BLC/3D DNR/HLC |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by Alarm In |
| *Note: When the main stream resolution is 2944 × 1656, max frame rate is 20 fps for all streams. | |
| Network | |
| Network Storage | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error, Alarm input, Alarm output |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4/IPv6, Bonjour |
| General Function | One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter |
| Firmware Version | V5.5.52 |
| API | ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 3 levels: Administrator, Operator and User |
| Web Browser | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |

| Interface | |
|-------------------------------|---|
| Audio | 1 input (line in, 3.5 mm), 1 output(3.5 mm), mono sound |
| Communication Interface | 1 RJ45 10M/100M self-adap ve Ethernet port |
| Alarm | 1 input, 1 output (max. 12 VDC, 30 mA), terminal block |
| Video Output | 1Vp-p composite output (75 Ω/BNC) (For adjustment only) |
| On-board storage | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| SVC | Support H.264 and H.265 encoding |
| Reset Button | Yes |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8kHz/16kHz/32kHz/44.1kHz/48kHz |
| General | |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, PoE (802.3af) Terminal block for DC input |
| Power Consumption and Current | 12 VDC, 0.8A, max. 10W PoE (802.3af, 36V to 57V), 0.3A to 0.1A, max. 11.5W |
| Protection Level | IP67, IK10 |
| Material | Metal |
| Dimensions | Φ153.4 × 133.1 mm (Φ6.04" × 5.24") |
| Weight | Camera: 1287 g (2.84 lb.) |

Dimensions

