

Varifocal 3~9 mm (103°~38°)

FULL HD
1920X1080

WDR+3DNR

Full HD
1080

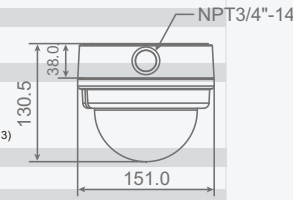


Technical Specifications



| | |
|-----------------------------|--|
| System | <ul style="list-style-type: none"> • CPU: TI DM368 SoC • Flash: 128MB • RAM: 256MB • Embedded OS: Linux 2.6 |
| Lens | <ul style="list-style-type: none"> • Board lens, vari-focal, f = 3 ~ 9 mm, F1.2 (wide), F2.1 (tele), auto-iris • Removable IR-cut filter for day & night function |
| Field of View | <ul style="list-style-type: none"> • 37.5° ~ 103.7° (horizontal) • 21.6° ~ 71.2° (vertical) • 42.6° ~ 111.2° (diagonal) |
| Shutter Time | <ul style="list-style-type: none"> • 1/3 sec. to 1/32,000 sec |
| Image Sensor | <ul style="list-style-type: none"> • 1/2.7" CMOS sensor in 1920 x 1080 resolution |
| Minimum Illumination | <ul style="list-style-type: none"> • 0.08 Lux @ F1.2 (Color) • 0.001 Lux @ F1.2 (B/W) |
| IR Illuminators | <ul style="list-style-type: none"> • Built-in IR illuminators, effective up to 20 meters • IR LEDx24pcs |
| Video | <ul style="list-style-type: none"> • Compression: H.264, MJPEG • Streaming: (Dual) Multiple simultaneous streams H.264 streaming over UDP, TCP, HTTP or HTTPS BNC Composite Video Output (720x576) MJPEG streaming over HTTP or HTTPS • Supports activity adaptive streaming for dynamic frame rate control • Supports video cropping for bandwidth saving • Supports ePTZ for data efficiency • Supports 3GPP mobile surveillance • Frame rates: H.264: Up to 30 fps at 1280x720 Up to 30 fps at 1920x1080 • • MJPEG: Up to 30 fps at 1280x720 Up to 30 fps at 1920x1080 |
| Image Settings | <ul style="list-style-type: none"> • Adjustable image size, quality and bit rate • Time stamp and text caption overlay • Flip & mirror • Configurable brightness, contrast, saturation, sharpness, white balance and exposure • AGC, AWB, AES • WDR enhanced, DNR (digital noise reduction) • Focus assist (Networking) • Automatic, manual or scheduled day/night mode • BLC (Backlight Compensation) • Supports privacy masks |
| Audio | <ul style="list-style-type: none"> • Compression: GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps G.711 audio encoding, bit rate: 64 kbps, μ-Law or A-Law mode selectable. • Interface: External microphone input Audio output • Supports two-way audio • Supports audio mute |
| Networking | <ul style="list-style-type: none"> • 10/100 Mbps Ethernet, RJ-45 • Onvif support Ver: 1.02-3 • Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X |

| | |
|------------------------------------|---|
| Alarm and Event Management | <ul style="list-style-type: none"> • Triple-window video motion detection • Tamper detection • One DI1 and one D/O for external sensor and alarm • Event notification using HTTP, SMTP or FTP • Local or FTP recording |
| Local Storage | <ul style="list-style-type: none"> • Micro SD/SDHC card slot & FTP Recording • Stores snapshots and video clips |
| Security | <ul style="list-style-type: none"> • Multi-level user access with password protection • IP address filtering • HTTPS encrypted data transmission • 802.1X port-based authentication for network protection |
| Users | <ul style="list-style-type: none"> • Live viewing for up to 10 clients |
| Dimension | <ul style="list-style-type: none"> • Camera: Ø 151 mm x 130 mm • • |
| Weight | <ul style="list-style-type: none"> • Net: 1390 g |
| LED Indicator | <ul style="list-style-type: none"> • System power and status indicator • System activity and network link indicator |
| Power | <ul style="list-style-type: none"> • 12V DC • 24V AC • Power consumption: Max. 9.6 W • 802.3af compliant Power-over-Ethernet (Class 3) |
| Housing | <ul style="list-style-type: none"> • Armour Dome Metal housing |
| Approvals | <ul style="list-style-type: none"> • CE, LVD, FCC, VCCI, C-Tick, UL |
| Operating Environments | <ul style="list-style-type: none"> • Temperature: -20 °C ~ 50 °C (-4°F ~ 122 °F) • Humidity: 90% RH |
| Viewing System Requirements | <ul style="list-style-type: none"> • OS: Microsoft Windows 7/Vista/XP/2000, Cell phone: 3GPP player • Browser: Mozilla Firefox, Internet Explorer 6.x or above |



Network Armour Dome Camera

IRD-20W

2-Megapixel • Full HD • WDR Enhanced



HD Vari-Focal Lens

Vari-Focal
HD Vari-Focal (3M)

HD
3MP

Day
Night

Applicable to
1/2.7

| | | | | | | | | | |
|-------------|-------------|--------------|--------------|--------------|-----------|------------|-----------------|----------------------|----------------|
| Vari-Focal | Wide Angle | DC Auto Iris | CS Mount | Metal Mount | ND Filter | Long Cable | Aspherical Lens | Large Aperture Ratio | RoHS Compliant |
| VARI | WIDE | DC | CS-mt | METAL | ND | 230 | AT | F1.2 | RoHS |

IRD-20W Network Armour Dome Camera

- Up to 30 fps @ 1080p Full HD
- 3 ~ 9 mm Vari-focal, Auto-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- Real-time H.264, and MJPEG Compression
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Weather-proof IP67-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in Micro SD/SDHC Card Slot for On-board Storage
- Mounting Bracket with Cable Management for Protected Installation



* Design and specifications are approximate and subject to change without notice.