**vantage**
keeping you safe

# HIGH DEFINITION
## 2MP IP BULLET CAMERA

# (VP/VV)-NC2612B-F3IRP1L3
## IR NIGHT VISION FIXED BULLET CAMERA



vantage

## FEATURES

High Definition 2MP (1920 × 1080) resolution

1/2.8" Progressive Scan CMOS Sensor

H.265+ video compression technology with real time encoding

High performance IR Cut mechanical filter for True & Night Vision

Inbuilt 120dB True WDR , 3D DNR, ROI, HLC & BLC functions

Onboard SD card slot up to 256GB support

IP67 Water proof outdoor enclosure

| 1/2.8" Progressive Scan CMOS Sensor | Backlight Compensation | Smart IR | POE | IP67 Water Proof |

Onvif UL CE FC RoHS

## (VP/VV)-NC2612B-F3IRP1L3

| Category | Parameter | Specification |
|---|---|---|
| Camera | Image sensor | 1/2.8" Progressive Scan CMOS Sensor |
| | Signal System | PAL/NTSC |
| | Effective Pixels | 1920 (H) × 1080 (V) |
| | Minimum Illumination | Color: 0.05 Lux @ (F1.6, AGC ON), 0 Lux with IR on |
| | Electronic Shutter Speed | 1/3 s to 1/100,000 s |
| | Gain Control | Auto |
| | White Balance | Auto / Manual |
| | Signal to Noise | ≥50 dB |
| Lens | Lens Type | 2.8mm/4mm fixed lens |
| | Focus | Fixed |
| Day/Night Functionality | Day & Night | True Day & Night with ICR |
| | IR Cut | High performance Mechanical IR Cut Filter with auto switch |
| | IR Source | Inbuilt Smart IR LEDs with intensity control |
| | IR Range | Minimum 25mtrs up to 40 mtrs |
| Compression | Video compression | H.265+,H.264+,H.265, H.264, MJPEG |
| | H.265 codec profile | Main profile |
| | Video Bit Rate | 32 Kbps ~ 8 Mbps |
| | Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC |
| Resolution and Frame Rate | Max. Resolution | 1920 x 1080 |
| | Main Stream | 50 Hz: 25 fps (1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 720) |
| | Sub Stream | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360) |
| | Third Stream | 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) |
| Operational Features | Wide Dynamic Range (WDR) | 120dB |
| | Backlight Compensation | Supported |
| | DNR | Inbuilt 3D DNR (Digital Noise Reduction) circuit |
| | Codec Streaming Capability | Triple streaming |
| | Region of Interest (ROI) | 1 fixed region for main stream and sub-stream |
| | Privacy Mask | Supported |
| | Defog | Supported (optional) |
| | HLC | Supported |
| | Image Settings | Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance |
| | General Function | Anti-flicker, heartbeat, video encryption(AES) |
| | Day/Night Switch | Auto, schedule, colour, mono |
| | Security | Password protection, HTTPS encryption, IP address filter, security audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for open network video interface, user access log, 802.1xauthentication, user authentication, HTTPS (SSL) login authentication |
| | Onboard Storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| | Alarm Trigger | Upload to FTP/memory card/NAS, notify surveillance center, trigger record, trigger capture,Email |

## (VP/VV)-NC2612B-F3IRP1L3

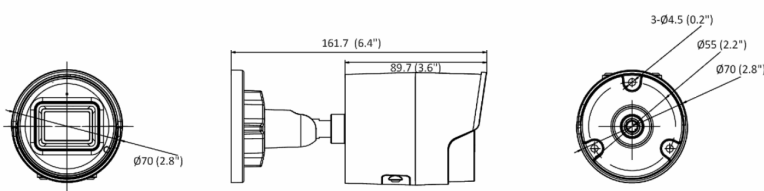| | | |
|---|---|---|
| **Network & Remote Monitoring** | Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP/SNTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS,IPv4, IPv6, UDP/IP, Bonjour, SSL/TLS, PPPoE, Multicast, Telnet (optional) |
| | System Compatibility | ONVIF (Profile S, Profile G, Profile T), SDK / API |
| | CMS | Full function CMS ( Central monitoring software) |
| | Mobile Client Application | Supports android and iOS APP for Smart phone and tablets |
| | Simultaneous Live View | Up to 6 channels |
| | Web Browser | IE 10, IE 11, Chrome 57.0+, Firefox 52.0+ |
| | Bandwidth Control | VBR (Automatic) and CBR (Manual) supported |
| | Network Storage | NAS (NFS,SMB/CIFS), auto network replenishment (ANR) |
| **Interface** | Ethernet | 1 RJ45 10/100 (Base-T/Base-TX) Ethernet port |
| | Power Input | Standard DC Jack |
| | Built-in Microphone | Inbuilt microphone with sound picking capability of minimum 50 dB at camera |
| **Analytics Feature** | Smart Features | Line crossing detection,intrusion detection, motion detection video tampering alarm, scene change / masking / FOV change |
| **Electrical** | Power Requirement | 12 VDC ±10% , PoE (IEEE802.3af) |
| | Power Consumption | Max. 7W |
| **Environmental** | Enclosure | IP67 metal weather proof enclosure |
| | Operating Temperature | -30°C to + 60°C |
| | Operating Humidity | 95% or less (non-condensing) |
| **Mechanical** | Material | Aluminum alloy body |
| | Dimensions | Ø70 × 161.7 mm |
| | Weight | Approx. 525 g |
| **Certifications** | Certifications | UL, CE, FCC, RoHS,BIS |

*Exact product including product image, weight, measurements and technical specifications shown may vary by geographic region and may vary for various customers and special projects due to customized solutions & products being manufactured as per customer requirements and hence technical specifications are subject to change without notice.

## DIMENSIONS

Unit: mm



**Ordering Info:**

| Model Number / Part Code | Bundled Product Warranty |
|---|---|
| VP-NC2612B-F3IRP1L3 | 3 Years |
| VV-NC2612B-F3IRP1L3 | 1 Years |

* Nomenclature of VP and VV at the beginning of the model number/part code is for internal use for sales order processing within Vantage ERP system only. The product specifications, technical performance and functional performance of the products with same model numbers and part codes starting with Nomenclature VP or VV are exactly same.