

FULL HIGH DEFINITION 2MP IP PTZ CAMERA

VP-NC9812P-AZ25IR7T1 IR Night Vision High Speed PTZ Dome Camera



FEATURES

Full High Definition 2MP (1920×1080) resolution

1/2.8" Progressive Scan CMOS Sensor

Inbuilt 128dB WDR/HDR, 3D DNR, HLC, BLC & OSD functions

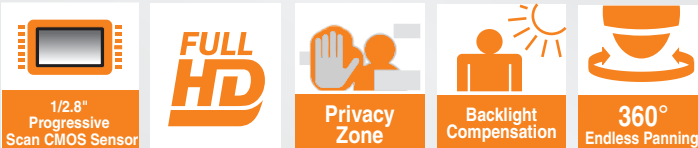
Support H.265/H.265+/H.264+/H.264 video compression

25x Optical zoom

360° endless panning

Inbuilt IR LEDs for 300 mtrs IR range

IP67 Weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

VP-NC9812P-AZ25IR7T1

| | | |
|---------------------------|--------------------------|--|
| Camera | Image sensor | 1/2.8" Progressive Scan CMOS Sensor |
| | Signal System | PAL/NTSC |
| | Effective Pixels | 1920 (H) x 1080 (V) |
| | Minimum Illumination | Color:0.00125Lux@(F1.55,AGCON); B/W:0.00025Lux@(F1.55,AGC ON); 0 Lux with IR |
| | Electronic Shutter Speed | 50Hz: 1/25 s -1/25,000s; 60Hz: 1/30s-1/30,000s |
| | Signal to Noise | > 52 dB |
| | Gain Control | Auto / Manual |
| | White Balance | Auto/Manual/Indoor/Outdoor |
| | Iris Type | DC Iris |
| Lens | Lens Type | 4.8mm to 120mm |
| | Field of View | Horizontal:57.6° to 2.5°(wide-tele), Vertical: 34.4° to 1.4°(wide-tele) Diagonal: 64.5° to 2.9°(wide-tele) |
| | Zoom | 25x Optical Zoom |
| | Zoom Speed | Approx. 3.6s (optical lens, wide-tele) |
| | Aperture Range | F1.55~F3.8 |
| Compression | Video Compression | H.265+/H.265/H.264+/H.264/MJPEG |
| | H.265 Codec Profile | Main profile |
| | Video Bit Rate | 64Kbps ~ 16Mbps |
| | Audio Compression | G.711 A/U |
| | Audio Bit Rate | 64k bps |
| Resolution and Frame Rate | Max. Resolution | 1920x1080 |
| | Main Stream | 50Hz: 25/50fps: 1920x1080,1280x960,1280x720 60Hz: 30/60fps: 1920x1080,1280x960,1280x720 |
| | Sub Stream | 50Hz: 25fps: (704 x 576, 640 x 480, 352 x 288) 60Hz: 30fps (704 x 480, 640 x 480, 352 x 240) |
| | Third Stream | 50 Hz: 25/50 fps (1920x1080,1280x960,1280x720,704x576,640x480, 352x288) 60 Hz: 30/60 fps (1920x1080,1280x960,1280x720, 704x480,640x 480, 352x240) |
| Day/Night Functionality | Day & Night | True Day & Night with ICR |
| | IR Cut | Removable IRCF, absorbing type, reducing image flare/ghost |
| | IR Source | Inbuilt High performance IR LEDs |
| | IR Range | Up to 300 Mtrs |
| Pan-Tilt | Pan Angle | 360° endless pan rotation |
| | Tilt Angle | -25° to 155° (Auto Flip at 90°) |
| | Pan Speed | 0.1° ~ 360°/s(Manual), 0.1° ~ 330°/s(Preset) |
| | Tilt Speed | 0.1° ~ 210°/s(Manual), 0.1° ~ 180°/s(Preset) |
| | Presets | 300 |
| | Patrol | 8 patrols, up to 16 presets per patrol |
| | Tour Pattern | 4 Tour patterns |
| | Power-off Memory | Supported |
| | PTZ position display | Supported |
| | Action mode | Preset/Cruise/Trace/Auto Scan/Random Scan |
| | Proportional Zoom | Supported |
| | 3D Positioning | Supported |
| | Scheduled Task | Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot De-frost/ water removal |

TECHNICAL SPECIFICATIONS

VP-NC9812P-AZ25IR7T1

| | | |
|-----------------------------|---|---|
| Operational Features | Alarm Linkage | Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/ Memory Card, Send Email, etc. |
| | Digital Zoom | 8x |
| | HLC | Supported |
| | BLC | Supported |
| | Picture overlay | Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format |
| | Electronic Stabilizer | Built-in Gyro sensor |
| | WDR/HDR | 128dB |
| | OSD Overlay | Max.15 characters/line, 8 lines, white or red font color |
| | Privacy Mask | 4 areas, up to 8 mask per request |
| | 3D DNR | Auto/Manual |
| | Codec streaming capability | Triple streaming |
| | Image settings | Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser |
| | Security | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering |
| | Onboard Storage | Support micro SD/SDHC/SDXC, up to 256 GB |
| Basic event | Motion detection, Video tampering alarm, Exception (Network disconnected, IP address conflict, SD full, SD error) | |
| Network & Remote Monitoring | Protocols | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, RTMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, P2P, PPPoE |
| | System Compatibility | ONVIF |
| | CMS | Full function CMS (Central monitoring software) |
| | User Access | 16 users online with professional authority management |
| | Mobile Client Application | Supports android and iOS APP for Smart phone and tablets |
| | Bandwidth Control | VBR (Automatic) and CBR (Manual) supported |
| | Web Browser | IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free |
| Interface | Ethernet | 1 RJ45 10M/100M adaptive ethernet, support PoE+ |
| | Audio Input / Output | 1/1 |
| | Alarm input / Output | 1/1 |
| | Electric Heater & Fan | Supported |
| | Water Removal | Remove water drops by quick spinning |
| | Frost & Fog Removal | Active electric heating and air loop |
| Smart Analytics | Reset Button | Supported |
| | Smart Features | Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection |
| | Face Recognize | Default off, face detection, comparison, capture, Max 17 human faces per second |
| | Road Traffic | Vehicle detecting and tracking |
| Electrical | Smart Tracking | Auto Tracking (human or vehicle) |
| | Power Requirement | DC24V±25%, PoE++ (802.3.at type 2) |
| | Power Consumption | MAX. 19W |

TECHNICAL SPECIFICATIONS

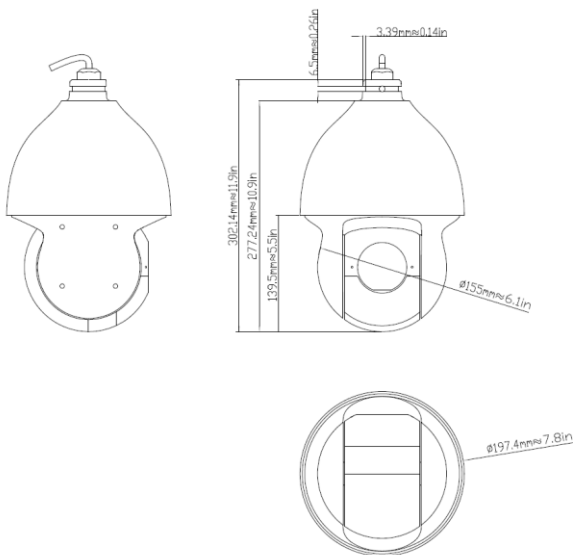
VP-NC9812P-AZ25IR7T1

| | | |
|---------------|-----------------------|--|
| Environmental | Enclosure | IP67, 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| | Impact Protection | IK10 (excluding glass window) |
| | Operating Temperature | -40°C to +65°C |
| | Storage Temperature | -40°C to +70°C |
| | Operating Humidity | 95% or less (non-condensing) |
| Mechanical | Shield Material | Aluminum Alloy; Polymer(PC+GF15%) |
| | Dimensions | Φ 197mm x 302mm |
| | Weight | Approx. 2.8KG |
| Certification | Certification | UL, CE, FCC, RoHS |

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

DIMENSIONS

Unit: mm



VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton

West Midlands, WV6 0JZ United Kingdom

Ph: +44-1902793383, Email: sales@vantagesecurity.com

www.vantagesecurity.com

(AN ISO 9001 : 2008, ISO14001 : 2004 CERTIFIED COMPANY)

