



DYNACOLOR
always watching



HD WDR Vandal Proof IP Dome Camera

- Sony Progressive Scan CMOS sensor
- HD 720p real-time at dual streaming
- H.264, MJPEG and MPEG-4 compression
- Vari-focal f = 3.3 ~ 12 mm
- Remote Zoom & Focus (Motorized Lens)
- Integrated real-time WDR
- 2D / 3D Noise Reduction
- Motion Detection
- Privacy Masks
- Day/Night (ICR)
- Micro SD support
- BNC analog output
- Weatherproof (IP66 international)
- Vandal proof dome cover
- Sun Shield & Outdoor Mounting Kit
- Built-In IR Illuminator
- Built-In Heater and Fan

Features:

| Item | | NH221 | |
|-----------------------|---|---|--|
| Camera | | NH221-5C3101 (for recessed-ceiling, hard-ceiling mount) | NH221-5C310B (for pendent mount) |
| Image Sensor | | 1/3" Sony Progressive CMOS | |
| Picture Elements | | 1280(H) x 1024 (V) | |
| Minimum Illumination | Color | 0.02 lux @ F 1.4 | |
| | B/W | 0.001 lux @ F 1.4 | |
| Shutter Speed | | 1 ~ 1/10000 sec. | |
| White Balance | | Manual / AWB | |
| Lens | | | |
| Lens Type | Motorized lens | F 1.4 / f = 3.3~12 mm | |
| Adjust Mode | | Auto (One Push) , Manual (Wide/Tele, Far/Near) | |
| FOV | | 25 ~ 80° | |
| Operation | | | |
| Video Compression | | H.264/MJPEG/MPEG-4 | |
| Video Streaming | | Simultaneous | |
| | | H.264 + MJPEG MPEG-4 + MJPEG MJPEG + BNC H.264 + H.264 | |
| Resolution | H.264 | 1280x1024/HD 720p/D1/VGA/QVGA/CIF/QCIF | |
| | MJPEG | 1280x1024/HD 720p/D1/VGA/QVGA/CIF/QCIF | |
| | MPEG-4 | 1280x1024/HD 720p/D1/VGA/QVGA/CIF/QCIF | |
| Frame rate | | 1280 x 1024 @ 12.5/15 fps 720p @ 25/30fps | |
| Image Setting | Brightness | Manual | |
| | Exposure | Auto / Manual / Fixed shutter / Auto Iris Mode | |
| | Backlight | On/Off | |
| | Sharpness | Manual | |
| | Contrast | Manual | |
| | White Balance | Auto / Manual / Indoor / Outdoor/ One Push | |
| | Digital Zoom | 1x ~ 16x | |
| | Image Rotation | Flip, Mirror, and 180° Rotate | |
| | WDR | Off / 4 Level Adjustment | |
| | 3D Noise Reduction | On/Off | |
| | Privacy Mask | 8 | |
| | Privacy Mask Type | Transparent, Color | |
| | ICR | Auto/On/Off | |
| | Auto Gain Control | Adjustable | |
| | Audio | Two-way Audio | Line out, Line in/mic in |
| Compression | | G.711 / G.726 | |
| Alarm | Input | 5V 10kΩ pull up | |
| | Output | Photo relay output 300VDC/AC up to 10 Detection Windows | |
| Intelligence | Motion Detection | | |
| Network | | | |
| Interface | | 10/100 Mb Ethernet (RJ-45) | |
| Protocol | | TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP and IGMP, IPV4, IPv6, ARP, HTTPS, DNS, NTP, RTP/RTCP, SNMP | |
| Password Levels | | User and Administrator | |
| IP Address Filter | | Yes | |
| Internet Browser | | Internet Explorer (6.0+) | |
| User Account | | 20 | |
| Mechanical | | | |
| IR Illuminator | | Yes | |
| Connectors | Power | 3 pins terminal block | |
| | Ethernet | RJ-45 | |
| | Micro SD | SDHC support | |
| | Audio | 4 pins terminal block | |
| | Alarm | 1 Alarm input, 1 Alarm Outputs | |
| | Analog Video | 1.0 Vp-p / 75 Ω, BNC Power, Link, ACT | |
| LED Indicator | | Power, Link, ACT | |
| Resistance Level | | IK 10 | |
| General | | | |
| Operating Temperature | | -40°C ~ 50°C with Heater & Fan Humidity: 10% to 90%, no condensation | |
| Power Source | | DC12V/PoE/AC24V | |
| Power Consumption | | Max 32.1W | |
| Regulatory | | CE, FCC, RoHS Compliant | |
| Dimension | Indoor ∅ 151 x 130 mm  | | Outdoor ∅ 170 x 210 mm (Outdoor)  |
| | Weight | | Indoor: 1 kg(2.2 lbs) |

DynaColor (Japan), INC
News Kyobashi 1201 3-10-1 Kyobashi, Chuo-ku, Tokyo,
104-0031 Japan
TEL: +81-3-5524-8655
FAX: +81-3-5524-8656
URL: <http://www.dynacolor.co.jp>
E-mail: info@dynacolor.co.jp