

# BL830R

## 2.0MP HD 30x IR Network Speed Dome

www.vipro.com.tw

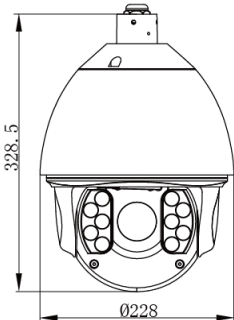


- Integrated 16 bit processors, with low power consumption
- Infrared light constant multiple sets of switch mode, Infrared night vision up to 120 meters
- 256 preset positions, data memorize after power off, with 4 alarm input and 2 alarm output
- Built-in wiper for clear view in harsh weather condition

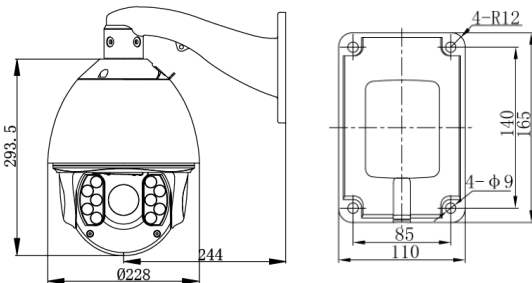
### Key Features

- 1080P Full HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 30X Optical zoom; Dual stream and HD capture
- IR night vision distance 120m
- 360° continuously rotation, manual pan speed at 0.1°/s ~ 260°/s adjusting, Tilt range -10°~90°, manual tilt speed at 90°/s, Pan preset speed max at 350°/s, tilt preset speed at 120°/s
- 4 alarm input, 2 alarm output
- Built-in wiper solve the disadvantage side of cleaning camera lens
- Telephoto limit speed function, recognizing many kinds of cameras
- 8 cruising tracks, 8 scanning commands, 4 patterns function
- Wall mount bracket or ceiling mount bracket for option

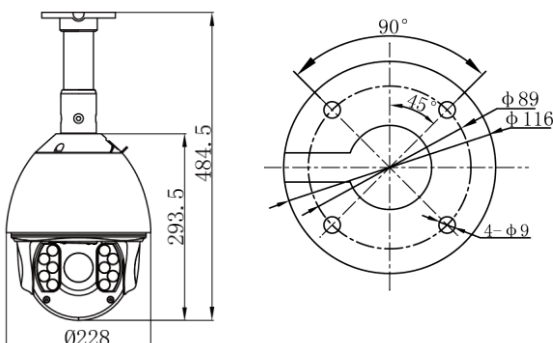
### Dimensions (unit: mm)



### Wall Dimension (Unit :mm)



### In-ceiling Dimension (Unit:mm)



### Technical Specifications

|           |                          |                                                                                                                                 |
|-----------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| HD Camera | Camera                   | 30x, 2.0 Mega pixel camera module                                                                                               |
|           | Model                    | BL830R                                                                                                                          |
|           | Image Sensor             | 1/2.8" Progressive Scan CMOS                                                                                                    |
|           | Resolutions              | 50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)<br>50HZ:25fps(1280x720) 60HZ:30fps(1280x720)                                        |
|           | Min. Illumination        | Color: 0.05Lux @ (F1.6, AGC ON)<br>B&W: 0.01Lux @ (F1.6, AGC ON)                                                                |
|           | S/N Ratio                | >52dB                                                                                                                           |
|           | Backlight Compensation   | ON/OFF                                                                                                                          |
|           | Iris, Focus              | Auto/Manual                                                                                                                     |
|           | White Balance            | Auto/ Manual/ ATW/ Indoor/ Outdoor                                                                                              |
|           | Day & Night Mode         | IR Cut Filter                                                                                                                   |
|           | Electronic Shutter       | 1/1s ~ 1/30,000s                                                                                                                |
|           | Wide Dynamic Range       | Support                                                                                                                         |
|           | Digital Noise Reduction  | 3D DNR                                                                                                                          |
|           | Defog                    | Support                                                                                                                         |
| Lens      | IR Distance              | 80m (effective) up to 120m                                                                                                      |
|           | Focal Length             | 4.5-135mm                                                                                                                       |
|           | Zoom                     | 30X Optical zoom                                                                                                                |
|           | Aperture Range           | F1.6-F4.4                                                                                                                       |
| Network   | Angle of View            | 65.1-2.34degree (Wide-Tele)                                                                                                     |
|           | Min. Working Distance    | 10mm-1500mm (Wide-Tele)                                                                                                         |
|           | Video Compression        | H.264/MJPEG                                                                                                                     |
|           | Audio Compression        | G.711u/G.711a/G.726                                                                                                             |
|           | Compression Output Rate  | 32 Kbps~16Mbps                                                                                                                  |
|           | Ethernet                 | 10Base-T / 100Base-TX, RJ45 connector                                                                                           |
|           | Network Protocol         | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6 (SIP, SRTP, for optional) |
|           | SD Card Interface        | Micro SD Slot, 32GB capacity (Max.)                                                                                             |
|           | Smart Alarm              | Remote detection, Screen-covered alarm, Memory storage full, Memory storage wrong                                               |
|           | Video IE Browse          | 10 Users online simultaneous live view                                                                                          |
|           | Stream                   | Dual streams                                                                                                                    |
|           | User Rights              | 32 Users (Max.), 3 Levels: Administrator, Operator, Normal user* (browse only)                                                  |
|           | Security Mode            | User Authorization (ID/PW), MAC address binding; HTTPS encryption; IEEE 802.1x network access control, IP address filtering     |
|           | ROI Encoding             | Support 24 areas, grade adjustable                                                                                              |
|           | ONVIF                    | Support                                                                                                                         |
| Dome      | Pan / Tilt Range         | Pan: 360° endless, Tilt: -10°~ 90°                                                                                              |
|           | Pan / Tilt Preset Speed  | Pan: 350°/s, Tilt: 120°/s                                                                                                       |
|           | Pan / Tilt Control Speed | Pan: 0.1°-260°/s, Tilt: 0°-90°/s                                                                                                |
|           | Preset Positions         | 256                                                                                                                             |
| General   | Patrol                   | 8 patrols, up to 32 presets per patrol                                                                                          |
|           | RS-485 Protocols         | Pelco-D, Pelco-P, Self-adaptive                                                                                                 |
|           | Alarm                    | 4 input / 2 output                                                                                                              |
|           | Power Supply             | AC24V                                                                                                                           |
|           | Ingress Protection       | IP66 (Outdoor)<br>TVS 4000V lightning, surge protection                                                                         |
|           | Working Temperature      | -30°C~+55°C / -22°F~+131°F                                                                                                      |
|           | Humidity                 | 90% or less                                                                                                                     |
|           | Dimensions               | Φ228x293.5mm / Φ8.97"x11.55"                                                                                                    |
|           | Weight                   | 5KG / 11.02LBS                                                                                                                  |