

# x23 HD IP IR PTZ OUTDOOR CAMERA

**NEW** PRS-H2300

1080p Full HD | Onvif



## Features

### Powerful zoom capability

23x optical zoom, 12x digital zoom, excellent automatic focusing, and 5 ~ 117 mm focus range. Especially, since the aperture is F1.5~F3.8, it is possible to acquire better quality image than any other camera.

### Triple codec, Simultaneous multi streaming

Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264/H.265/MJPEG with simultaneous transmission to Network Video Recorder.

### Weather Proof Design

With IP66 protection, the camera ensures normal operation regardless of rain, snow or storm.

# Specifications

## Camera

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Image Device      | 1/2.8" Progressive Scan CMOS                             |
| Effective Pixels  | Approx. 2.0 Mega pixels                                  |
| Aspect Ratio      | HD: 16:9 SD: 4:3                                         |
| Zoom Ratio        | Optical x23, Digital x12                                 |
| Focal Length      | f = 5 ~ 117mm, F1.5 ~ F3.8                               |
| Horizontal angle  | 58.5°(W) ~ 2.8°(T)                                       |
| MIN. Illumination | COLOR : 0.05 Lux@F1.6<br>B/W : 0.01 Lux@F1.6, 0 Lux (IR) |
| Day & Night       | Auto(CDS/CAM) / Day / Night(ICR)                         |
| Focus             | Auto/Semi Auto/Manual                                    |
| DNR(2D/3D)        | OFF/Level Adjustment(1~5)                                |
| Shutter Speed     | 1 sec ~ 1/10,000sec<br>1 sec ~ 1/10,000sec               |
| AGC               | Auto/Manual                                              |
| White Balance     | Auto/Indoor/Outdoor/Manual                               |
| WDR/BLC           | OFF/BLC/WDR(Digital)                                     |
| Other Function    | HLC, Dynamic slow shutter                                |

## Pan/Tilt

|        |                                                                         |
|--------|-------------------------------------------------------------------------|
| Range  | Pan: 360° (Endless)<br>Tilt: -10° ~ 180° (Flip)                         |
| Speed  | Preset: 240°/sec<br>Manual: 0.05° ~ 180°/sec<br>Scan: 1.4 ° ~ 150 °/sec |
| Preset | 255 Presets with Labels                                                 |
| Group  | 8 groups(Max. 16 presets)                                               |

## General

|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| Sensor In /Out  | Built-in 1 Input / 1 Output(Relay)                                          |
| Audio In / Out  | 1 Audio In / 1 Audio Out                                                    |
| Video Out       | BNC: VBS 1.0 Vp-p                                                           |
| IR distance     | More than 200M,<br>Wave: 850nm (with adaptive synchronized with zoom ratio) |
| Power           | AC24V 36W                                                                   |
| Approvals*      | KC, IP66                                                                    |
| Housing         | Weather proof / Vandal Proof Structure                                      |
| Material        | Body : Aluminum Die-casting                                                 |
| Dimension       | Net: Ø226 x 363.3(H) mm                                                     |
| Weight          | 5Kg(approx.)                                                                |
| Operating Temp. | -30°C ~ 50°C                                                                |

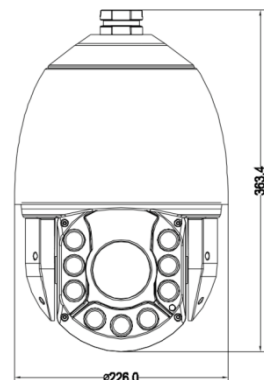
## Network

|                    |                                                                                                              |                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Ethernet           | 10Base-T/100Base-Tx                                                                                          |                                                                                                            |
| Video Compression  | H.265/H.264/MJPEG                                                                                            |                                                                                                            |
| Video Stream       | Main                                                                                                         | 1080p/720p                                                                                                 |
|                    | Second                                                                                                       | D1/CIF/QCIF                                                                                                |
|                    | Third                                                                                                        | 1080p/720p/D1/CIF/QCIF                                                                                     |
| Stream Type        | Video/Complex(Video/Audio) Stream                                                                            |                                                                                                            |
| Frame Rate         | Max. 30 /25 fps for 1080P/720P/D1/CIF/QCIF                                                                   |                                                                                                            |
| Bitrate            | 30Kbps ~ 16Mbps. Supports CBR/VBR/FIX QP                                                                     |                                                                                                            |
| Audio Compression  | Two way, G.711 A-law, G.711 μ-law, 128kbps, sampling rate 8kHz                                               |                                                                                                            |
| Local Storage      | Micro SD/SDHC/SDXC card. Support up to 128GB                                                                 |                                                                                                            |
| IVA                | Motion Detection, Occlusion Detection, Line Crossing*, Region entrance/exiting*, Intrusion*, Tampering*, etc |                                                                                                            |
| Alarm actions      | Email, Micro SD/SDCH/SDXC Record, Relay Output, Snapshot, Notification of Client                             |                                                                                                            |
| Alarm              | Pre-Post Alarm                                                                                               |                                                                                                            |
| Max No. of Clients | 10 users(Depending on user bandwidth)                                                                        |                                                                                                            |
| Web Brower         | IE 6.0 above                                                                                                 |                                                                                                            |
| Protocols Support  | IPv4                                                                                                         | IPv4/IPv6*, TCP/IP, UDP, RTP, RTSP, RTMP, NTP, HTTP, HTTPS*, SSL*, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMP* |
|                    | DDNS                                                                                                         | Public DDNS services Support: www.dyndns.com                                                               |
|                    | ONVIF                                                                                                        | PROFILE S                                                                                                  |
|                    | Security                                                                                                     | User Authentication(ID/PW), IP Address/Mac Address filtering*                                              |

The specifications are subject to change without prior notice. (\*) This feature is under development and will be added in the future.

## Dimension

Unit: mm



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