

**STARVIS**



**2.1**

Megapixel



0-360° Pan



WDR



Optical Zoom



Smart IR™



IP66 Rated

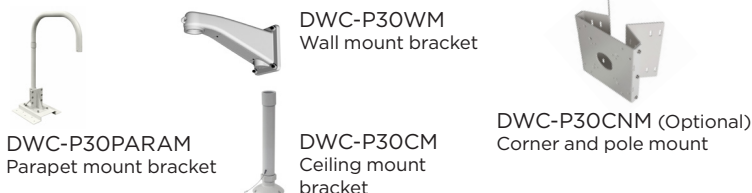
## Summary

The MEGApix® 30x PTZ Camera delivers crystal-clear 2.1MP/1080p resolution video at real-time 30fps and Smart IR™ up to 1300ft (400m). The camera is powered by a Sony® STARVIS sensor for outstanding visibility at night and features 30x optical zoom, 16x digital zoom and 0-360° endless pan in an IP66 weather and tamper resistant dome housing. A wall mount and ceiling mount are available, sold separately and necessary to complete the camera's installation.

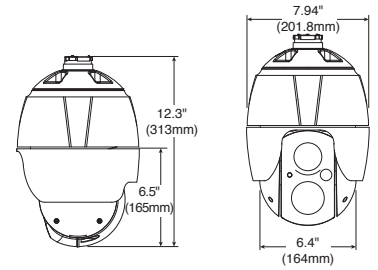
## Features

- 2.1MP/1080p 1/2.8" Sony® STARVIS image sensor for outstanding visibility at night at real-time 30fps
- 4.3-129mm motorized zoom auto-focus lens
- True wide dynamic range (WDR)
- Multiple codecs (H.264, MJPEG) with simultaneous dual-stream
- 30x optical zoom + 16x digital zoom
- 1300' Smart IR™ with intelligent camera sync.
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Digital image stabilizer (DIS)
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- Pan 0-360° endless, 360° per second pan speed
- Vector drive technology - pan/tilt motion in shortest path
- 256 preset positions
- 8 patterns
- 8 tours
- Micro SD/SDHC/SDXC class 10 card slot for emergency backup (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE injector included
- PoE+ high power and DC12V
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant

## Accessories (Required. Sold Separately.)



## Dimensions unit : Inch (mm)



## Specifications

| IMAGE                                 |   |
|---------------------------------------|---|
| Image sensor                          | 2.1MP/1080p 1/2.8" Sony STARVIS' CMOS   |
| Total pixels / active pixels          | 1945 (H) x 1097 (V)   |
| Minimum scene illumination            | 0.35 lux (color)<br>0.013 lux (B/W)   |
| LENS                                  |   |
| Focal length                          | 4.3 - 129mm, F 1.6  |
| Lens type                             | Motorized zoom auto-focus lens  |
| IR distance                           | 1300ft range  |
| Angle of view                         | 65.1° - 2.23°   |
| Optical zoom / digital zoom           | 30x optical zoom  |
| I/O                                   |   |
| Audio input/ output                   | 1/1   |
| Audio compression                     | G.711   |
| Alarm input/ output                   | 1/1   |
| OPERATIONAL                           |   |
| Shutter mode                          | Auto, manual  |
| Shutter speed                         | 1/30,000 - x 8sec.  |
| Backlight                             | On / off  |
| De-fog                                | On / off  |
| Wide Dynamic Range(WDR)               | True WDR, off, low, middle, high  |
| Wide Dynamic Range (WDR) dB           | 100dB   |
| Digital image stabilizer(DIS)         | On / off  |
| Smart DNR™ 3D digital noise reduction | Off, low, middle, high  |
| White balance                         | Auto, fluorescent, incandescent, outdoor, manual  |
| Day and night                         | Auto, day (color), night (B/W)  |
| Mirror / flip                         | Yes   |
| Privacy zones                         | 16 programmable privacy masks   |
| Alarm notifications                   | Notifications via e-mail, FTP server, alarm output activation, audio output activation, preset activation, notification server, XML notifications or SD card recording. (card not included) |
| PTZ FUNCTION                          |   |
| Pan range                             | 360° Endless  |
| Pan speed                             | Max. 380°/sec. (Preset)   |
| Tilt range                            | -10-190°  |
| Tilt speed                            | Max. 380°/sec. (Preset)   |
| Auto calibration                      | 0.1-6"  |
| Preset                                | 256   |
| Tour                                  | 8   |
| Pattern                               | 8   |
| Home function                         | Yes   |
| NETWORK                               |   |
| LAN                                   | 802.3 compliance 10/100 LAN   |
| Video compression type                | H.264, MJPEG  |
| Resolution                            | 1920 x 1080 at 30fps  |
| Video bitrate                         | 100Kbps - 8Mbps, multi-rate for preview and recording   |
| Bitrate control                       | Multi-streaming CVBR/VBR at H.264 (controllable frame rate and bandwidth)   |
| Frame rate                            | Up to 30fps at all resolutions  |
| Streaming capability                  | Dual-stream at different rates and resolutions  |
| IP                                    | IPv4, IPv6  |
| Protocol                              | TCP/IP, UDP, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour   |
| Security                              | Password authentication, multi-user authority, IP filtering, HTTPS (SSL)  |
| Maximum user access                   | Live : 10 users, playback : 3 users   |
| Onvif conformance                     | Yes   |
| Web viewer                            | OS: Windows®, MAC® OS, Linux®<br>Browser: Internet Explorer®, Chrome®, Firefox®, Safari®  |
| Memory slot                           | Micro SD / SDHC / SDXC card. (not included)   |
| ENVIRONMENTAL                         |   |
| Operating temperature                 | -22°F - 149°F (-30°C - 65°C )   |
| Operating humidity                    | 0-90% RH (non-condensing)   |
| IP rating                             | IP66 certified  |
| Other certifications                  | CE, FCC, RoHS   |
| ELECTRICAL                            |   |
| Power requirement                     | DC 12V, PoE (802.3at POE+, 55W PoE injector included)   |
| Power consumption                     | AF working max. 28W<br>LED off : 18W  |
| MECHANICAL                            |   |
| Material                              | Aluminum PTZ, polycarbonate dome  |
| Dimensions                            | 7.95 x 12.3 Inch (201.8 x 313 mm)   |
| Weight                                | 10.8 lb (4.9kg)   |

