

# CONDOR 800/1600

## PTZ Low Light Camera high accuracy

## Specifications:

Long Range Night Vision PTZ Camera  
**Zoom 40X 1600mm**



Ultra long range PTZ camera  
2MP 1080p 40X

- ◆ ULL high resolution 2MP camera - long distance
- ◆ Rugged and waterproof IP67
- ◆ Real-time Full HD 1080P resolution
- ◆ Optical zoom up to 40X (800/1600mm)
- ◆ Very high sensitivity sensor
- ◆ High precision 360° continuous rotation
- ◆ ONVIF protocol
- ◆ Double filter switching mechanism (ICR) day/night, filtering infrared light which affects the quality of the image
- ◆ Noise-reduction algorithm, improved image definition in case of low light conditions
- ◆ Image rotation and mirror effect (90 °, 180 °, 270 °)
- ◆ Low-power consumption < 15W

|                                 |                                                                                                       |                                                                                                            |
|---------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Optical Zoom                    | 40X                                                                                                   |                                                                                                            |
| Focal (user's choice)           | 40mm – 800mm                                                                                          | 40mm – 1600mm                                                                                              |
| IRIS                            | Auto, Manual (Aperture range: F8 – F32)                                                               | Auto, Manual (Aperture range: F8 – F32)                                                                    |
| Minimum object distance (M.O.D) | 10m (20 – 400mm in focal length)<br>20m (401 – 800mm in focal length)                                 | 10m (40 – 800mm in 1/1.8" equivalent focal length)<br>20m (801 – 1600mm in 1/1.8" equivalent focal length) |
| Effective sensor size           | 1/1.8" - 1.1" 2MP Progressive scanning CMOS                                                           |                                                                                                            |
| Standard                        | PAL / NTSC                                                                                            |                                                                                                            |
| Min. Illumination               | Color 0.00015 lux (at F1.2) / 0.0017 lux (at F4.0)<br>B/W 0.0001 lux (at F1.2) / 0.0011 lux (at F4.0) | Color 0.00014 lux (at F1.2) / 0.0064 lux (at F8.0)<br>B/W 0.0001 lux (at F1.2) / 0.0042 lux (at F8.0)      |
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| Shutter                         | Auto (with minimum speed selection of 1/8 – 1/125s), Manual (1 – 1/32000s)                            |                                                                                                            |
| WDR                             | 140dB                                                                                                 |                                                                                                            |
| Day / Night                     | IR CUT mechanics. Auto, Scheduled, Manual                                                             |                                                                                                            |
| Gain                            | AGC, HYPER-AGC, Manual (Setting range: ISO400 – 819200)                                               |                                                                                                            |
| Fog reduction                   | Selectable (3 levels)                                                                                 |                                                                                                            |
| BLC                             | ON/OFF                                                                                                |                                                                                                            |
| DNR                             | 3D DNR                                                                                                |                                                                                                            |
| Wavelengths selection           | 950nm, 940nm, 850nm, 808nm, Visible light                                                             |                                                                                                            |
| White Balance                   | AWB, AWB-W, Custom 1 – 2, Fine, Shade, Color Temperature (3000K, 5000K, 9000K)                        |                                                                                                            |
| Video                           | Compression H.264 H/265 BP/MP/HP, H.265 main profile, MJPEG                                           |                                                                                                            |
| Max. Resolution                 | Full HD/1080P(1920x1080)                                                                              |                                                                                                            |
| Frames per second               | 25/30fps                                                                                              |                                                                                                            |
| Bandwidth                       | 32Kbps~8Mbps on each video channel<br>3 video streams<br>Format H.264/ H.265/H.265+ VBR/CBR           |                                                                                                            |
| Supported protocols             | IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP, FTP, UPnP, DDNS, NTP, IGMP, ICMP / GB/T 28181           |                                                                                                            |
| Storage                         | 128 GB                                                                                                |                                                                                                            |
| Onvif                           | Profile S                                                                                             |                                                                                                            |
| Protection                      | IP67                                                                                                  |                                                                                                            |
| Construction                    | POM Acetal Homopolymer & anodized aluminium                                                           |                                                                                                            |
| Working temperature             | -10°C to +55°C                                                                                        |                                                                                                            |
| Cable                           | M12 X-Coded 2m RJ45                                                                                   |                                                                                                            |
| Dimensions                      | Ø 220mm X 850 mm                                                                                      | Ø 220mm X 890 mm                                                                                           |
| Power Requirements              | 12 V DC (Option PoE 803.11AF 48V DC)                                                                  |                                                                                                            |
| Consumption                     | 15W (moteurs off)                                                                                     |                                                                                                            |