

3 MEGAPIXEL PLUG & PLAY

ULT-P3DRIR

3 Megapixel IP Plug & Play Mini Rugged Dome, 100' IR Range, PoE/DC12V, Built-in Mic



| | | |
|---------------------|------------------------|------------------------|
| 3 Megapixel | Plug & Play | 30 FPS |
| True Day/Night | ONVIF | H.264 |
| Smart IR 100' Range | IP66 Weather Resistant | Operates to -22° F |
| PoE/DC12V | OSD | Dual Stream |
| Region of Interest | 3D DNR | D-WDR |
| BLC | VCA | Free App iOS & Android |
| 3-Axis | Rugged Housing | Microphone Line In/Out |

Features

- Ultra IP 'hands free' Plug-and-Play system: just connect to PoE switch and stream video
- Real time 30FPS streaming at 1920x1080 (1080p)/1280x720 (720p)
- View and record 3MP resolution at up to 20FPS from 1/3" progressive scan CMOS sensor
- 1/3" progressive scan CMOS sensor
- Various fixed lens options for optimal coverage
- Low light sensitivity of .01lux with True Day/Night (ICR)
- ONVIF Compliant
- Video Compression H.264/MJPEG
- Microphone In/Out Line
- 100' foot IR LED Range for Viewing when there is Minimal or No Lighting
- Smart IR Control of image contrast despite bright, close in objects in scene
- IP66 weather resistance and -22°F~140°F temperature range
- Dual PoE/12VDC power
- Extensive OSD capabilities, many controlled directly from Ultra IP NVR
 - Dual streaming in H.264/MJPEG with fixed/variable bandwidth control from 32Kb/s to 12.3Mb/s
 - Region of Interest allocates bandwidth to maximize resolution in priority areas within scene
 - Day/Night and IR switching (or disable IRs if desired)
 - In-camera detection of motion, video loss or tampering with alarm reporting to NVR
 - 3D DNR improves low light image clarity and reduces bandwidth/NVR disk utilization
 - DWDR compensates bright or unbalanced scene lighting
 - BLC specifically for handling scenes with back lit subjects
 - Video Content Analytics: Line Crossing/Area Intrusion, Accessed from Camera OSD or NVR
- Alarm input and output trigger terminals for interface with external equipment
- Support for iOS & Android Smart Phones with Free App
- Support for Safari/FireFox/IE web browsers with free plug-in
- Three axis dome housing with 360° pan/rotate and 90° tilt for flexible wall or ceiling mounting
- Various Housings and Mounts Available to Customize Installation

Ordering Information

ULT-P3DRIR28: 3 Megapixel IR Dome, 2.8mm

ULT-P3DRIR4: 3 Megapixel IR Dome, 4mm



ULT-P3DRIR

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| Camera | |
|--|--|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Total Pixels (H x V) | 2048x1536 3 Megapixel @ Maximum Resolution |
| Day & Night | True Day & Night with ICR; Controllable by light sensor or via schedule |
| Min. Illumination | .01lux @ F1.2, AGC on 0 Lux (IR LED On; IR may be disabled in OSD) |
| IR LED | 30 IR LED 850nm |
| IR Distance | 100 ft. (30m) Nominal** |
| Smart IR | OSD Controlled Off/On |
| Shutter Speed | 1/30s ~ 1/100,000s |
| BLC | BLC: Off/Top, Bottom, Left, Right, Center Weighted |
| White Balance | AWB; Locked; Incandescent, Warm, Natural or Fluorescent Light |
| 3D DNR | Off/On, Level Adjust |
| Lens | |
| Focal Length (standard) | 4mm F=2.0, 2.8mm, 6mm, 12mm |
| Lens Angle | 2048 x 1536: Angle of view: 86°(2.8mm), 70°(4mm), 43.3°(6mm), 20.6°(12mm), 1920 x 1080: Angle of view: 98.5°(2.8mm), 79°(4mm), 49°(6mm), 23.2°(12mm). All lens options may not be available for all cameras. |
| Lens Type | Fixed focal length |
| Audio | |
| Input | Screw terminal Input (line level) |
| Output | Screw terminals (line level) |
| Audio Compression | G.711 / G.722 / G.726 / MP2L2 |
| Audio Bit Rate | 64Kbps (G.711) / 16Kbps(G.722) / 16Kbps(G.726) / 32~128Kbps(MP2L2) |
| Video | |
| Supported Resolutions | Main Stream: 2048x1536 1920x1080 1280x720 Sub Stream: 320x240 352x240 640x480 704x480 |
| Maximum Frame Rates | 20FPS@2048x1536 ; 30FPS@1920x1080 ; 30FPS@1280x720 |
| Compression | H.264 Main Profile & MJPEG |
| Bit Rate | Nominal rates from drop down: 1024, 2048, 3072, 4096, 6144, 8192 Kbps Customized rates: 32Kbps~12288Kbps |
| Streaming | Dual-Stream at different frame rates and bandwidth |
| Region of Interest | Image detail priority/enhancement for up to four user defined areas for main and/or sub stream |
| Image Settings | Brightness, Contrast, Saturation, Sharpness, Hue, AGC Gain, Image rotation/mirror, 50/60Hz system, Text overlay (Name, Time/Date, Fixed Labels; adjustable for position, size, color, etc.), Privacy masking |
| Network | |
| LAN | Ethernet 10/100 Base-T (RJ-45 Type) with weather sealed shell |
| Security | Multiple user access levels with password protection; Watermarking of captured video IP address filter; IEEE802.1X (Authentication) |
| Protocol | IPv4, IPv6, HTTP, TCP/IP, ICMP, DHCP, DNS, DDNS, RTP, RSTP, RTCP, uPnP, IGMP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1X, QoS, Bonjour |
| Network Storage | Video upload to PC, FTP or NAS |
| VMS Compatibility | ONVIF, PSIA, CGI, ISAPI |
| Supported Browsers | Internet Explorer, FireFox, Safari (with O/S compatible plug-in) |
| Intelligent Video | |
| Line Crossing Detection | Line Crossing Detection: One line that can be set 3 different ways to detect activity. |
| Area Intrusion Detection with Loitering Time | Up to 4 independent lines making one area, each with separate sensitivity, percentage and loitering time control. Arming schedule by day of week and time of day. |
| Video Motion Detection | With arming schedule and multiple actions: notify NVR, send email, upload to FTP, trigger alarm output |
| Alarm & Event | |
| Alarm Input | Screw terminals - SPST (transistor switch) |
| Alarm Output | Screw terminals - SPST (transistor switch) |
| Alarm Triggers | Intelligent video Motion Detection, Video Loss, Tampering, Network Disconnect, IP Address Conflict, Storage Exception, Wired Input Contact Closure |
| Alarm Events | Notify NVR, send email, upload to FTP, trigger alarm output |
| General | |
| Angle Adjustment | 3-Axis Pan: 0~355° Rotation: 0~355° Tilt: 0~75° |
| Power | PoE class 3 (IEEE 802.3af) |
| | 12VDC +/- 10% |
| | 5W nominal; 7W IR LED on |
| Interface | 8P/8C RJ-45F for Network and PoE |
| | Power (DC 12V) Input |
| Environmental | IP66 (Weather Resistant) |
| Operating Temperature | -22 °F ~ 140 °F (-30 °C ~ 60 °C) |
| Dimension | 4.4" diameter x 3.2" high (Ø111x82) |
| Weight | 1.1 lbs./500g |
| Accessories | |
| Mounting Options | Various Housings and Mounts Available to Customize Installation |