

## **ULT-P3DRIR**

3 MEGAPIXEL PLUG & PLAY

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**



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

Image Settings Network LAN Security Protocol	1/3" Progressive Scan CMOS  2048x1536 3 Megapixel @ Maximum Resolution  True Day & Night with ICR; Controllable by light sensor or via schedule  .01lux @ F1.2, AGC on 0 Lux (IR LED On; IR may be disabled in OSD)  30 IR LED 850nm  100 ft. (30m) Nominal**  OSD Controlled Off/On  1/30s ~ 1/100,000s  BLC: Off/Top, Bottom, Left, Right, Center Weighted  AWB; Locked; Incandescent, Warm, Natural or Fluorescent Light  Off/On, Level Adjust  4mm F=2.0, 2.8mm, 6mm, 12mm  2048 × 1536: Angle of view: 86°(2.8mm), 70°(4mm), 43.3°(6mm), 20.6°(12mm), 1920 × 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.  Fixed focal length
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Audio Bit Rate Video Upported Resolutions  Maximum Frame Rates Compression It Rate Itreaming Legion of Interest Image Settings Letwork AN Lecurity Lectrocol	G.711 / G.722 / G.726 / MP2L2
Additional descriptions of the control of the contr	64Kbps (G.711) / 16Kbps(G.722) / 16Kbps(G.726) / 32~128Kbps(MP2L2)
upported Resolutions  Adaximum Frame Rates Compression it Rate treaming tegion of Interest mage Settings letwork AN ecurity rotocol	GENERAL (C.) 11) / TONOPS(C.) 22) / TONOPS(C.) 20) / GENERAL (C.)
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Compression  bit Rate  treaming  tegion of Interest  mage Settings  letwork  AN  ecurity  protocol	Sub Stream: 320x240 352x240 640x480 704x480
it Rate treaming legion of Interest mage Settings letwork AN ecurity rotocol	20FPS@2048x1536; 30FPS@1920x1080; 30FPS@1280x720
treaming egion of Interest mage Settings letwork AN ecurity rotocol	H.264 Main Profile & MJPEG
egion of Interest mage Settings letwork AN ecurity rotocol	Nominal rates from drop down: 1024, 2048, 3072, 4096, 6144, 8192 Kbps Customized rates: 32Kbps~12288Kbps
mage Settings letwork AN ecurity rotocol	Dual-Stream at different frame rates and bandwidth
letwork AN ecurity rotocol	Image detail priority/enhancement for up to four user defined areas for main and/or sub stream
AN ecurity (rotocol	Brightness, Contrast, Saturation, Sharpness, Hue, AGC Gain, Image rotation/mirror, 50/60Hz system, Text overlay (Name, Time/Date, Fixed Labe adjustable for position, size, color, etc.), Privacy masking
Security Protocol	
rotocol	Ethernet 10/100 Base-T (RJ-45 Type) with weather sealed shell
rotocol	Multiple user access levels with password protection; Watermarking of captured video IP address filter; IEEE802.1X (Authentication)
	IPv4, IPv6, HTTP, TCP/IP, ICMP, DHCP, DNS, DDNS, RTP, RSTP, RTCP, uPnP, IGMP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1X, QoS, Bonjour
letwork Storage	Video upload to PC, FTP or NAS
/MS Compatibility	ONVIF, PSIA, CGI, ISAPI
Supported Browsers	
	Internet Explorer, FireFox, Safari (with O/S compatible plug-in)
ntelligent Video	
	Line Crossing Detection: One line that can be set 3 different ways to detect activity.
Area Intrusion Detection	Up to 4 independent lines making one area, each with separate sensitivity, percentage and loitering time control. Arming schedule by day of
vith Loitering Time	week and time of day.
	With arming schedule and multiple actions: notify NVR, send email, upload to FTP, trigger alarm output
Narm & Event	
larm Input	Screw terminals - SPST (transistor switch)
Narm 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
eneral	
ingle Adjustment	3-Axis Pan: 0~355° Rotation: 0~355° Tilt: 0~75°
-	PoE class 3 (IEEE 802.3af)
ower	12VDC +/- 10%
	5W nominal; 7W IR LED on
	8P/8C RJ-45F for Network and PoE
Interface	
	Power (DC 12V) Input
nvironmental	IP66 (Weather Resistant)
Operating Temperature	-22 °F ~ 140 °F (-30 °C ~ 60 °C)
imension	4.4" diameter x 3.2" high (Ø111x82)
Veight	
ccessories	1.1 lbs./500g
Mounting Options	1.1 lbs./500g

