



# 5MP WDR IR Mini-Dome Network Camera

Model Number: ACT-5MP-IPDOME

## System Specifications

SoC	Ambarella
CPU	Quad core CA53
ROM	256MB/2Gb NAND Flash
RAM	512MB/4Gb DDR III

## Optical Specifications

Image Sensor	1/2.7" Progressive CMOS
Effective Pixels	5Mp (2592x1944)
	4Mp (2560x1920)
Lens Type	Fixed-Focal
Focal Length	2.8mm
Aperture	F 2.0
Iris Type	Fixed-Iris
Field of View	Horizontal 103° (2560*1920)
	Vertical 76° (2560*1920)
	Diagonal 134° (2560*1920)
Ambient Light Sensor	Support
IR Cut Filter	IR cut filter with auto switch

## Video Specifications

Compression	H.264, MJPEG
Encode Performance	H.264 4Mp (2560x1920) @25/30fps + 480p @25/30fps

## LED Specifications

IR Illuminators	Type: Built-in IR illuminators Working Distance: effective up to 30m (98ft) with full FOV coverage Wavelength: 850nm
LED Indicator	System power and status indicator

## Connectivity Specifications

Interface	RJ-45, 10/100Mbps (Base-T) Ethernet
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## Audio Specifications

Capability	Two-way Audio (Full Duplex)
Compression	G.711
Interface	Input: Audio Line In Output: Audio Line Out

## Power Specifications

Power Input (Wire)	IEEE 802.3af PoE Class 0 DC 12V
Power Consumption	PoE: 13W (Max.), DC 12V: 7W (Max.)

## Network Specifications

Users Account	Live Viewing for Up to 10 Clients
Protocols	IPv4, IPv6, TCP, UDP, DHCP, NTP, DNS, ICMP, ARP, SSL/TLS, HTTP, HTTPS, RTSP, RTP, RTCP, SMTP, FTP, SNMP
ONVIF	Profile G, S, T



## Mechanical Specifications

<b>Pan/Tilt/Rotation Range</b>	Pan Range 0-355 Tilt Range 0-75 Rotation Range 0-355
<b>Button</b>	WPS/Reset: 1 (Reset/Factory Reset) Push/Ring: N/A
<b>Connectors</b>	Power: RJ-45 cable connector for Network/PoE connection Ethernet: RJ-45 cable connector for Network/PoE connection Alarm: N/A <b>Audio I/O (Option): Audio Line In/Out *</b>
<b>On-board Storage</b>	Slot type: MicroSD/SDHC/SDXC card slot

## Camera Features

<b>Shutter Time</b>	1/5 sec. to 1/32,000 sec.
<b>Video Streams</b>	H.264 4Mp (2560x1920) @25/30fps 5Mp (2592x1944) @20fps
<b>Streaming Settings</b>	Adjustable resolution, quality and constant bit rate control, Amba Smart Rate Control V2
<b>Day/Night Threshold</b>	True Day/Night
<b>Noise Reduction</b>	Amba MCTF 3D noise filter
<b>S/N Ratio</b>	> 55 dB
<b>WDR Technology</b>	Amba WDR: SoC fusion two images at different exposure levels from image sensor
<b>Wide Dynamic Range</b>	120 dB
<b>Image Settings</b>	Time stamp overlay, flip & mirror, video rotation; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; 3DNR, DIS, HLC
<b>Minimum Illumination</b>	0.095 lux @ F2.0 (Color, Linear mode 30 IRE) <TBD lux @ F2.0 (B/W) 0 Lux with IR illumination on
<b>Pan/Tilt/Zoom Functionalities</b>	ePTZ: 12x digital zoom (12x on IE plug-in)

## Alarm Events

<b>Alarm Triggers</b>	Intelligent Video Triggers, Audio Detection, System Boot
<b>Alarm Events</b>	HTTP, SMTP, FTP, MicroSD Card

## System Requirements

<b>Operating System</b>	Microsoft Windows 8/7/Vista/XP/2000
<b>Web Browser</b>	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
<b>Other Players</b>	VLC: 1.1.11 or above QuickTime: 7 or above

## General

<b>Dimensions</b>	Ø117 x 89.5 mm
<b>Weight</b>	558g
<b>Temperature</b>	Start-Up: -30°C ~ 50°C (-22°F ~ 122°F) Operating: -30°C ~ 50°C (-22°F ~ 122°F)
<b>Humidity</b>	95%RH
<b>Ingress Protection</b>	IP66
<b>Regulatory</b>	CE, FCC Class B, REACH, RoHS, Prop65

## Included Accessories

**Others** QIG, warranty card, alignment sticker, desiccant bag, screw driver, screws pack

\* mark for optional items

Product specification and availability are subject to change without notice.

