






# iHD23 POE Smart Camera



## Features

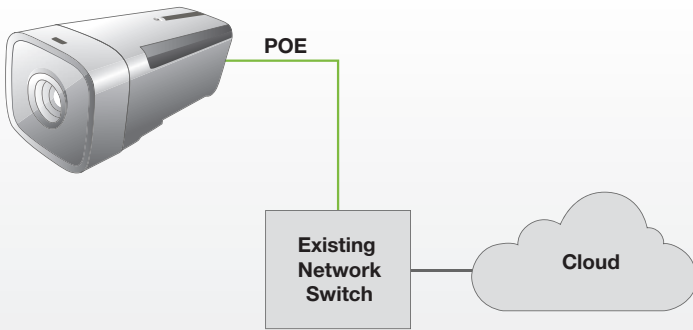
-  Biometric Capture
-  Tracking
-  Filtering
-  Vivid HD Image
-  Simple Setup

Description	Part Number
Ceiling Adaptor	CMA-034
Wall Mount	HWM-01
Power Supply	PS-12V2A

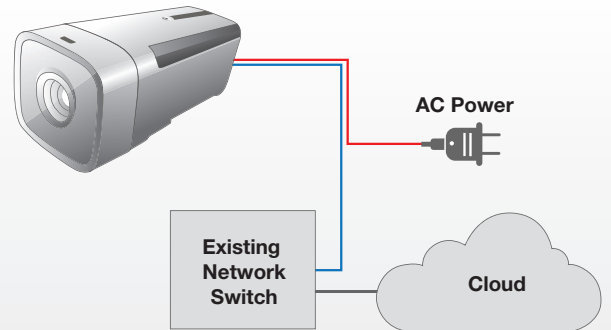
## Specification

<b>Image</b>	Sensor	1/2" 2.0 MP Sony CMOS	
	Resolution	1920 x 1080	
	Shutter	1/25 s ~ 1/10000 s - auto adjust	
	Min Illumination	Color: 0.0001 Lux @ F1.2; Black & White: 0.00001 Lux @ F1.2	
	Optical Zoom	9 - 22 mm	
<b>Video</b>	Compression	H.265/H.264/H.265+MJPEG	
	Streams	Main stream	1080P(1920×1080)/720P(1280×720)
		Sub stream	D1(704×576)/VGA(640×480)/QVGA(320×240)
	Max Frame Rate	30 fps	
	Bit Rate	32 Kbps ~16 Mbps	
<b>Object Detection</b>	Feature Analysis	Face capture, tracking and filtering	
	Image Format	JPEG encoding	
<b>Network</b>	Interface	RJ45 - 10/100 Ethernet	
	Protocol	IPv4, HTTP, TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP	
	Access Standard	ONVIF	
	Users	Up to 6 simultaneously	
	<b>General Parameters</b>	Housing	Black aluminum
	Power Supply	DC 12 V 2 A or POE 802.3at	
	Operating Environment	-10°C~55°C, 20-80% RH (non-condensing)	
	Size (mm)	196.5x99x87.5	
	Weight (g)	1200	

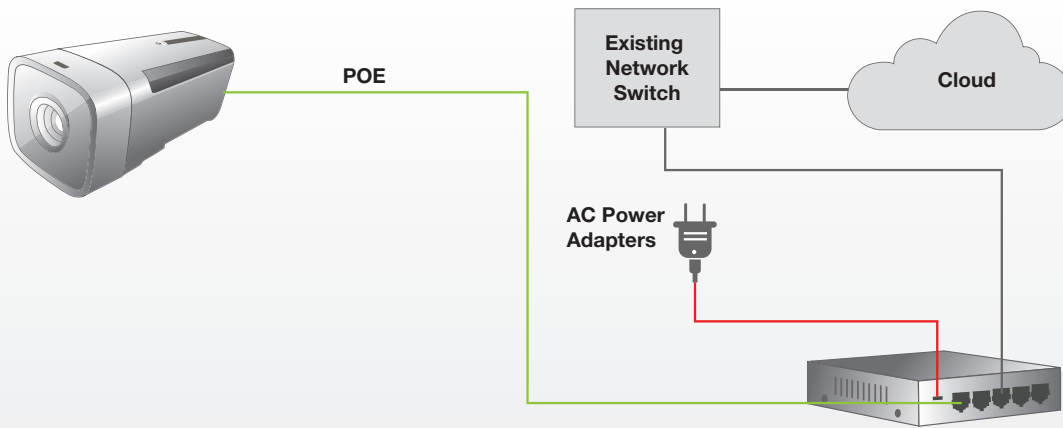
### Option 1: Facility has POE Switch/Router



### Option 2: Facility has Switch/Router without POE



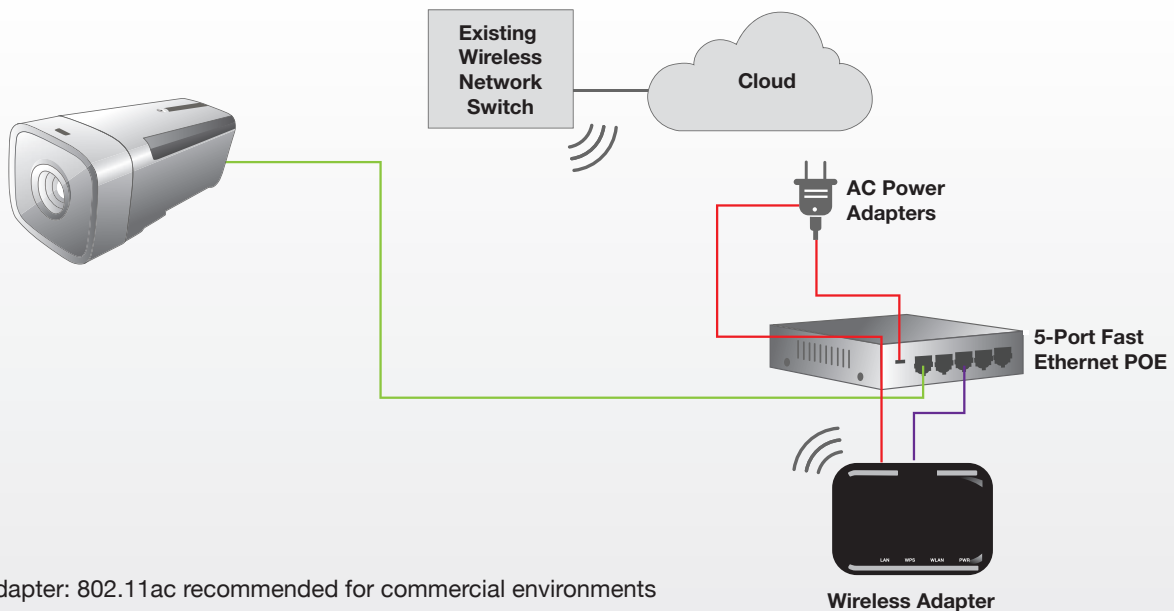
### Option 3: Add POE Switch to existing Switch/Router



**5-Port Fast Ethernet POE**  
Note: A POE adapter can be used for one camera

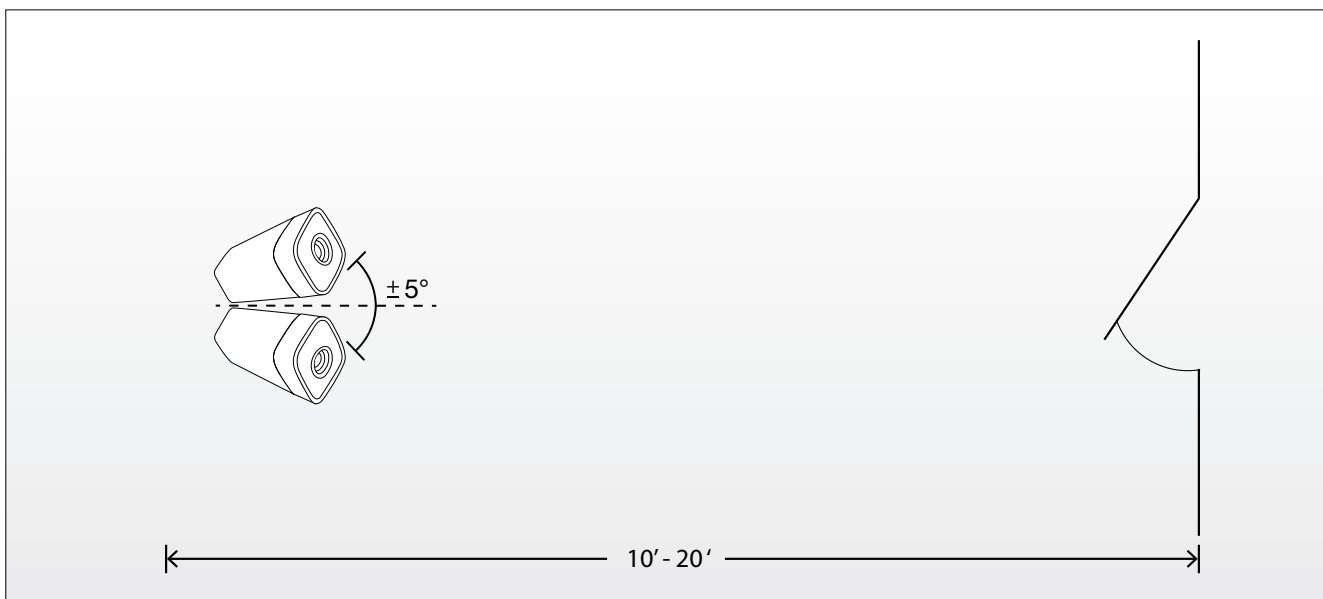
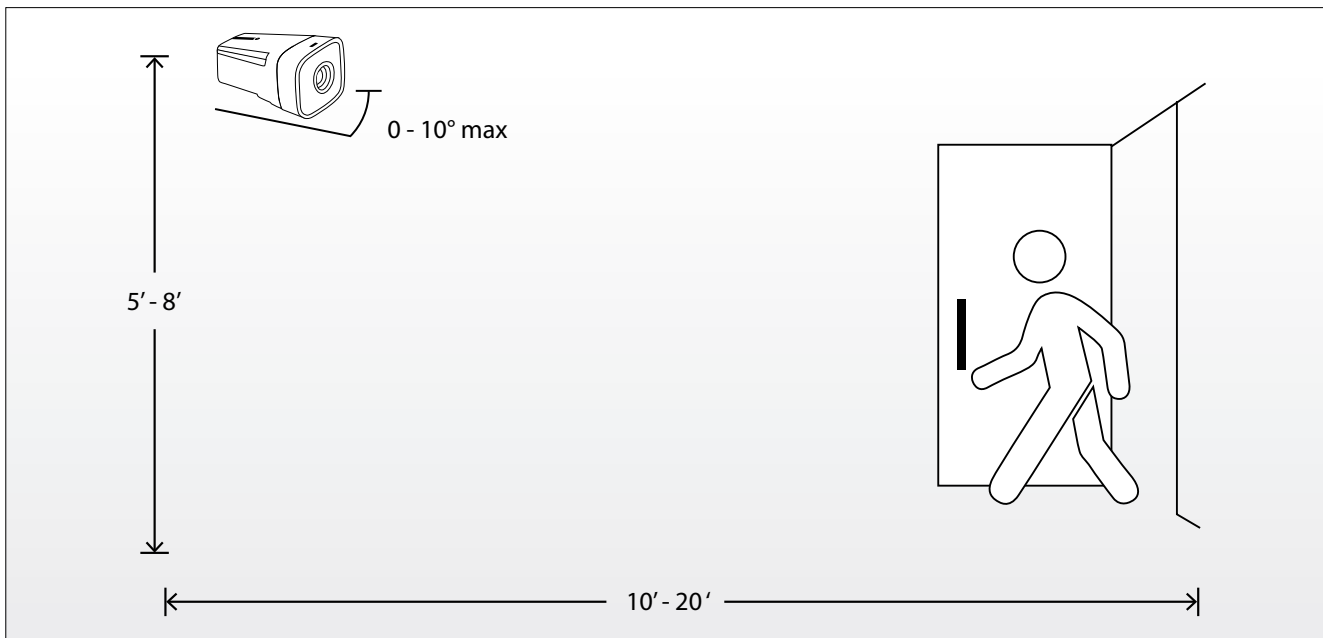
POE: Ensure sufficient wattage switch/adapter for cable + camera

### Option 4: Wireless Connection



Wireless Adapter: 802.11ac recommended for commercial environments

## Camera Placement



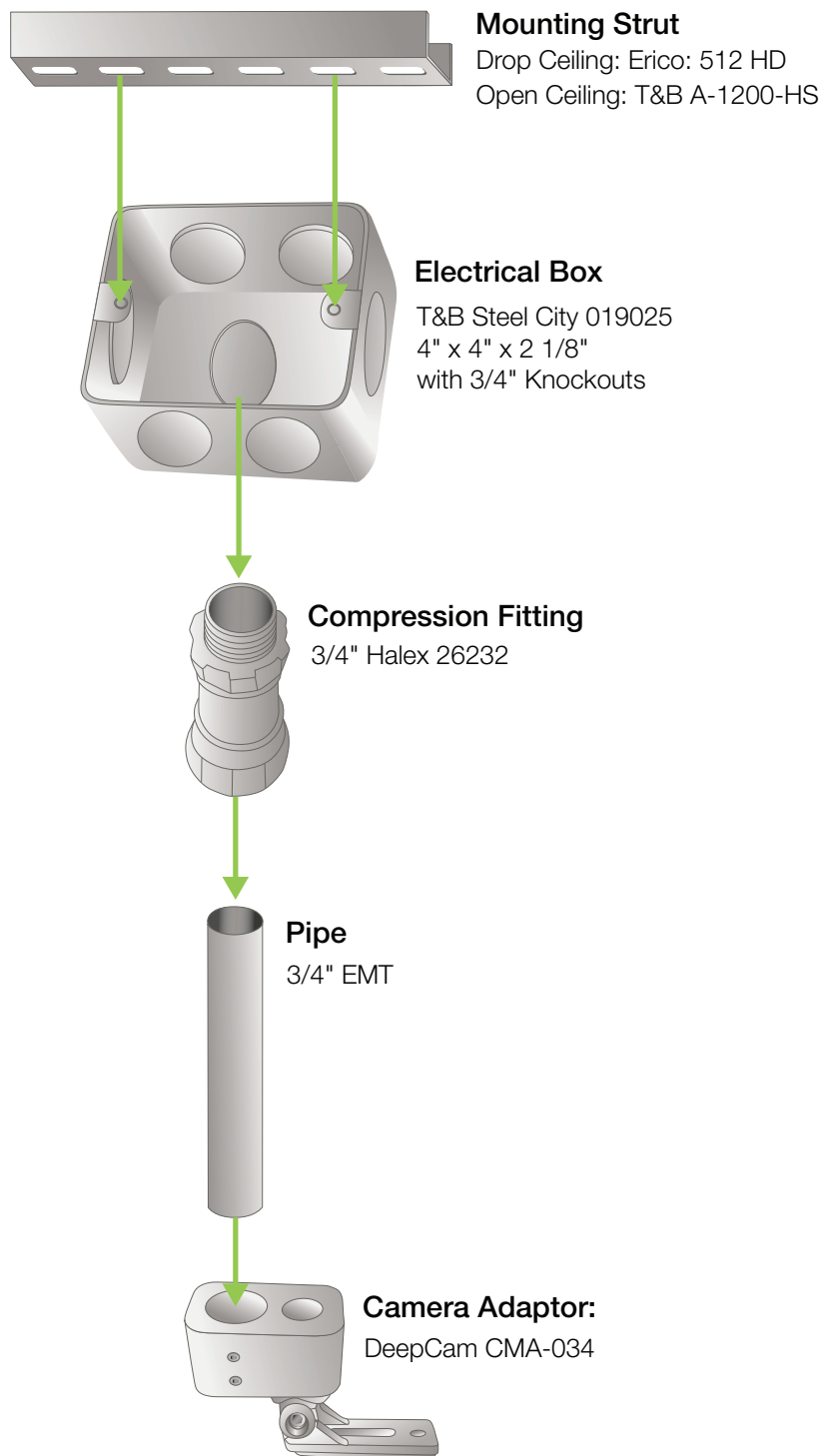
1 Straight line of sight with minimum angle provides best performance

2 10 feet: Zoom Out (9mm)  
20 feet: Zoom In (22mm)

### Note:

The placement recommendations are for optimal performance.  
DeepCam's algorithms are extremely robust and achieve world class performance in less than ideal settings.

## Ceiling Mount Example



**Note:**

A typical installation is shown with common electrical supply components.