



# **S** AS6316-EHL series Speed Dome Network Camera

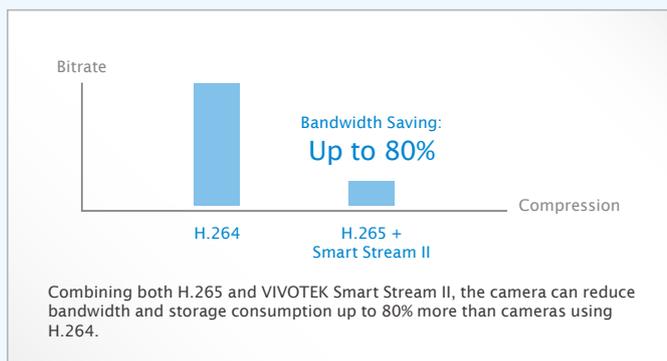


H.265 · 1080P Full HD · 20x Zoom · WDR Pro · Smart Stream II · NEMA 4X · IP68 · IK10 · -40°C ~ 55°C · EIS · Defog · 60W UPoE · GbE Ethernet

VIVOTEK's AS6316-EHL is a high performance H.265 Full HD speed dome network camera. Armed with a 20x optical zoom lens, the camera is able to capture fine details at top-notch quality. By combining both H.265 and VIVOTEK's Smart Stream II technology which enables the camera to optimize quality for desired regions and therefore to maximize efficiency of bandwidth usage, it is capable of reducing both bandwidth and storage consumption by up to 80%\* while maintaining the highest standard of image quality.

Offering extra smooth video quality with resolutions of up to 60 fps at 1920x1080, the AS6316-EHL is also equipped with WDR Pro technology and IR-cut filter for seamless day/night operation. This enables the camera to cope effortlessly with the challenging lighting conditions faced in 24/7 surveillance. Further, the water-proof IP68-rated, vandal-proof IK10-rated and NEMA 4X-rated housing of the AS6316-EHL protects the camera body against rain, dust and corrosion and provides a wide operating-temperature range of between -40°C and 55°C. This combination of robustness and high performance ensures that the AS6316-EHL is especially suitable for monitoring wide, open, harsh indoor or outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are called for.

\* Depending on scene being monitored



## Key Features

- H.265 Compression Technology
- 1080P Full HD CMOS Sensor
- 60 fps @ 1920x1080
- 20x Optical Zoom
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 110° Tilt
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Smart Stream II to Optimize Bandwidth Efficiency
- Weather-proof IP68-rated, Vandal-proof IK10-rated and NEMA4X Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Audio Detection for Instant Alerts
- Auto Tracking for Moving Objects
- Defog
- EIS



Campus



Station



City Surveillance



Extreme Weather

## Technical Specifications

<b>Model</b>	AS6316-EHL	<b>Interface</b>	10 Base-T/100 BaseTX/1000 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
<b>System Information</b>		<b>ONVIF</b>	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>CPU</b>	Multimedia SoC (System-on-Chip)	<b>Intelligent Video</b>	
<b>Flash</b>	128MB	<b>Video Motion Detection</b>	Five-window video motion detection
<b>RAM</b>	512MB	<b>Auto-Tracking</b>	Auto-tracking on moving object
<b>Camera Features</b>		<b>Alarm and Event</b>	
<b>Image Sensor</b>	1/3" Progressive CMOS	<b>Alarm Triggers</b>	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, audio detection
<b>Maximum Resolution</b>	1920x1080 (2MP)	<b>Alarm Events</b>	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
<b>Lens Type</b>	20x Optical Zoom, Auto Focus	<b>General</b>	
<b>Focal Length</b>	f= 4.7 ~ 94 mm	<b>Connectors</b>	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 24V / AC 24V power input Digital input*4 Digital output*2 RS-485
<b>Aperture</b>	F1.6 ~ F3.5	<b>LED Indicator</b>	System power and status indicator
<b>Auto-iris</b>	DC-iris	<b>Power Input</b>	DC 24V AC 24V 60W UPoE
<b>Field of View</b>	3' ~ 55' (Horizontal) 2' ~ 33' (Vertical) 3' ~ 63' (Diagonal)	<b>Power Consumption</b>	Max. 48/26 W (Heater on/off)
<b>Shutter Time</b>	1/8 sec. to 1/30,000 sec.	<b>Dimensions</b>	Ø 162 x 221 mm
<b>WDR Technology</b>	WDR Pro	<b>Weight</b>	2.95 kg
<b>Day/Night</b>	Removable IR-cut filter for day & night function	<b>Casing</b>	Weather-proof IP68-rated, Vandal-proof IK10-rated, and NEMA 4X-rated mated housing
<b>Minimum Illumination</b>	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)	<b>Safety Certifications</b>	CE, FCC Class A, VCCI, C-tick, UL, NEMA 4X
<b>Pan Speed</b>	0.05' ~ 450'/sec.	<b>Operating Temperature</b>	-40°C ~ 55°C (-40°F ~ 131°C)
<b>Pan Range</b>	360° endless	<b>Humidity</b>	90%
<b>Tilt Speed</b>	0.05' ~ 450'/sec.	<b>Warranty</b>	36 months
<b>Tilt Range</b>	110°	<b>System Requirements</b>	
<b>Preset Locations</b>	256 preset locations, 128 presets per tour	<b>Operating System</b>	Microsoft Windows 8/7/Vista/XP/2000
<b>Pan/Tilt/Zoom Functionalities</b>	128x digital zoom (4x on IE plug-in, 32x built-in) Auto pan mode Auto patrol mode	<b>Web Browser</b>	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
<b>Video</b>		<b>Other Players</b>	VLC: 1.1.11 or above Quicktime: 7 or above
<b>Compression</b>	H.265, H.264, MJPEG	<b>Included Accessories</b>	
<b>Maximum Frame Rate</b>	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	<b>Others</b>	Wall mount bracket, screws, waterproof connectors, quick installation guide, alignment sticker, L-wrench, desiccant bags, I/O combo cable
<b>Maximum Streams</b>	4 simultaneous streams	<b>Dimensions</b>	
<b>S/N Ratio</b>	53 dB		
<b>Dynamic Range</b>	100 dB		
<b>Video Streaming</b>	Adjustable resolution, quality and constant bit rate control; Smart Stream II		
<b>Image Settings</b>	Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (up to 24); Scheduled profile settings, EIS, 3DNR, defog		
<b>Audio</b>			
<b>Audio Capability</b>	Two-way Audio (Full duplex)		
<b>Compression</b>	G.711, G.726		
<b>Interface</b>	External microphone input External line output		
<b>Network</b>			
<b>Users</b>	Live viewing for up to 10 clients		
<b>Protocols</b>	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, NTCIP, ICMP, ARP, SSL, TLS		

