

S AS6316-EHL

series Speed Dome Network Camera

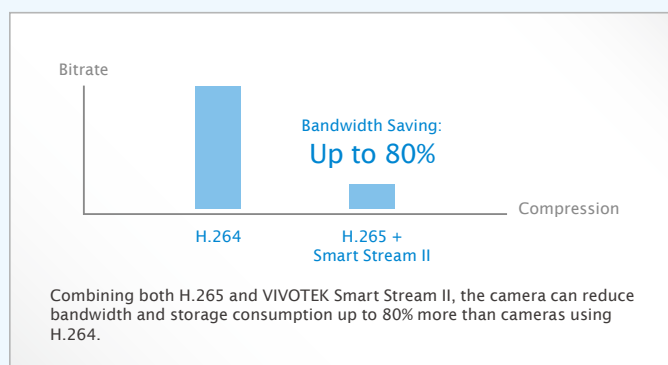


H.265 · 1080P Full HD · 20x Zoom · WDR Pro · Smart Stream II · NEMA 4X · IP68 · IK10 · -40°C ~ 55°C · EIS · Defog · 60W UPoE · GbE Ethernet

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

Model	AS6316-EHL	Interface	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.
System Information		ONVIF	Supported, specification available at www.onvif.org
CPU	Multimedia SoC (System-on-Chip)	Intelligent Video	
Flash	128MB	Video Motion Detection	Five-window video motion detection
RAM	512MB	Auto-Tracking	Auto-tracking on moving object
Camera Features		Alarm and Event	
Image Sensor	1/3" Progressive CMOS	Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, audio detection
Maximum Resolution	1920x1080 (2MP)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Lens Type	20x Optical Zoom, Auto Focus	General	
Focal Length	f= 4.7 ~ 94 mm	Connectors	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
Aperture	F1.6 ~ F3.5	LED Indicator	System power and status indicator
Auto-iris	DC-iris	Power Input	DC 24V AC 24V 60W UPoE
Field of View	3' ~ 55' (Horizontal) 2' ~ 33' (Vertical) 3' ~ 63' (Diagonal)	Power Consumption	Max. 48/26 W (Heater on/off)
Shutter Time	1/8 sec. to 1/30,000 sec.	Dimensions	Ø 162 x 221 mm
WDR Technology	WDR Pro	Weight	2.95 kg
Day/Night	Removable IR-cut filter for day & night function	Casing	Weather-proof IP68-rated, Vandal-proof IK10-rated, and NEMA 4X-rated mated housing
Minimum Illumination	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)	Safety Certifications	CE, FCC Class A, VCCI, C-tick, UL, NEMA 4X
Pan Speed	0.05° ~ 450°/sec.	Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Pan Range	360° endless	Humidity	90%
Tilt Speed	0.05° ~ 450°/sec.	Warranty	36 months
Tilt Range	110°	System Requirements	
Preset Locations	256 preset locations, 128 presets per tour	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Pan/Tilt/Zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built-in) Auto pan mode Auto patrol mode	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
Video		Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Compression	H.265, H.264, MJPEG	Included Accessories	
Maximum Frame Rate	H.265 & H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	Others	Wall mount bracket, screws, waterproof connectors, quick installation guide, alignment sticker, L-wrench, desiccant bags, I/O combo cable
Maximum Streams	4 simultaneous streams	Dimensions	
S/N Ratio	53 dB		
Dynamic Range	100 dB		
Video Streaming	Adjustable resolution, quality and constant bit rate control; Smart Stream II		
Image Settings	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		
Audio			
Audio Capability	Two-way Audio (Full duplex)		
Compression	G.711, G.726		
Interface	External microphone input External line output		
Network			
Users	Live viewing for up to 10 clients		
Protocols	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		

