



AS6346-EHL

Speed Dome Network Camera



1080p 60 fps · 30x Zoom · 150M IR · NEMA 4X · IP66 · IK10 · Defog ·
-50°C ~ 55°C · EIS · GbE Port

The AS6346-EHL is the latest professional speed dome camera from VIVOTEK, specifically designed to enhance low light surveillance in large coverage areas. Equipped with 150 M IR illuminators and a 30x optical zoom lens, the AS6346-EHL provides a superb low light image in the most challenging situations. The AS6346-EHL also adopts VIVOTEK's latest IR technology, VAIR (Vari-Angle IR). VIVOTEK's VAIR provides smooth vari-angle adjustment of the IR illuminators, allowing broad coverage FOV and highly uniform IR intensity while avoiding hot-spots traditionally associated with IR illumination.

The AS6346-EHL is the first PTZ surveillance camera with IR Illumination to utilize H.265 compression technology. When combined with VIVOTEK's Smart Stream II technology users can obtain bandwidth savings of up to 80% compared to traditional H.264. By combining 1080p full HD resolution with H.265, IR illuminators, VAIR, WDR, and 30x optical zoom, the AS6346-EHL is able to capture fine details at top-notch quality, 24 hours a day, 7 days a week. VIVOTEK further strengthened the camera performance with an IP66- and NEMA 4X-rated housing to protect the camera against rain, dust, and corrosion. The AS6346-EHL has a wide operating temperature range from -50°C to 55°C, ensuring continuous operation under the most extreme weather conditions and hazardous environments. This makes the AS6346-EHL ideally suited to monitor wide open spaces such as ports, highways, cities, and parking lots where high-level precision is required.

As with all VIVOTEK true day/night cameras, the AS6346-EHL features a removable IR-cut filter, maintaining clear images 24 hours a day. Audio detection is included by recognizing changes in ambient noise. For the most demanding outdoor surveillance application, there is nothing that compares to the VIVOTEK AS6346-EHL.

Key Features

- Real-time H.265, H.264 and MJPEG Compression (Triple Codec)
- 1080p HD CMOS Sensor
- 60 fps @ 1080p Full HD
- 30x Zoom Lens, 150 M IR
- VAIR (Vari-Angle IR)
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 220° Tilt
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66-rated, Vandal-proof IK10 and NEMA 4X-rated Housing
- -50°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Audio Detection for Instant Alerts
- Auto Tracking for Moving Objects
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Privacy Masks for Additional Protection
- Defog
- EIS



Campus



Station



Without VAIR



With VAIR

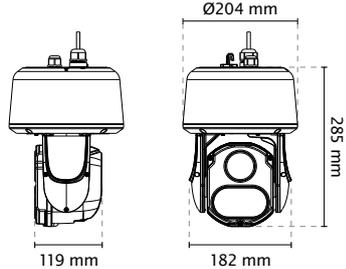


Airport



Port

Technical Specifications

Model	AS6346-EHL	Interface	10 Base-T/100 Base-TX/1000 Base-T 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	Manual trigger, periodical trigger, system boot, recording notification, audio detection, motion 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	30x Optical Zoom, Auto Focus	General	
Focal Length	f = 4.3~129 mm (30x zoom)	Connectors	RJ-45 cable connector for 10/100/1000Mbps Network/PoE connection Audio input Audio output DC 48V power input Digital input*4 Digital output*2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)
Aperture	F1.6 ~ F4.7	LED Indicator	System power and status indicator
Auto-iris	DC-iris	Power Input	95W PoH/PoE DC 48V
Field of View	2.3° ~ 64° (Horizontal) 1.3° ~ 36° (Vertical) 2.6° ~ 73° (Diagonal)	Power Consumption	Max. 81.8 W (Heater on) Max. 28.5 W (Heater off)
Shutter Time	1/8 sec to 1/30,000 sec	Dimensions	Ø: 204 mm x 285 mm
WDR Technology	WDR Pro	Weight	Net: 6030 g
Day/Night	Removable IR-cut filter for day & night function	Casing	Weather-proof IP66, Vandal-proof IK10 and NEMA 4X-rated housing
Minimum Illumination	0.42Lux @ F1.6 (Color) 0.001Lux @ F1.6 (B/W)	Safety Certifications	CE, FCC Class A, VCCI, C-tick, NEMA 4X, UL
Pan Speed	0.1° ~ 300° / sec	Operating Temperature	-50°C ~ 55°C (-58°F ~ 131°F)
Pan Range	360 endless	Humidity	90%
Tilt Speed	0.1° ~ 300° / sec	Warranty	36 months
Tilt Range	220° (-110° ~ +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
IR Illuminators	150 m	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Video		Included Accessories	
Compression	H265, H264, MJPEG	Others	Wall mount bracket, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, desiccant bags, AO-003 I/O cable
Maximum Frame Rate	60 fps @ 1920x1080 In all compression mode	Dimensions	
Maximum Streams	4 simultaneous streams		
S/N Ratio	53.64 dB		
Dynamic Range	110 dB		
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II		
Image Settings	Adjustable image size, quality and bit rate 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, defog, 3DNR, EIS		
Audio			
Audio Capability	Audio input/output (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, UDP, ICMP, ARP, SSL, TLS, NTCIP		