



Speed Dome Network Camera AS5336E



1080p Full HD • 20x Zoom • NEMA 4X •
IP66 • Extreme Weatherproof • PoE Plus

VIVOTEK AS5336E is part of the SUPREME series product line offering 1080p Full HD resolution with superb image quality. Adopting a 20x optical zoom lens, the AS5336E is able to capture details at top-notch quality. The IP66- and NEMA 4X-rated housing protects the camera body against rain, dust, and corrosion within a wide temperature range of between -40°C to 55°C. This feature ensures operation under extreme weather conditions and hazardous environments. It is especially suitable for monitoring wide open indoor/outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are always required.

The AS5336E supports high-performance H.264/MPEG-4/MJPEG compression technology and offers extra smooth video quality with resolution up to 30 fps @ 1080p. Boasting WDR Pro technology, the AS5336E can also cope with challenging lighting conditions and generate image quality close to the capabilities of the human eye. With a sophisticated pan/tilt mechanism, the camera provides fast, precise movement with continuous 360-degree pan and 220-degree tilt. Users can also easily control the lens position via a mouse or a joystick to track the object of interest and set up to 256 preset positions for patrolling. With the built-in auto tracking feature, the AS5336E provides instantaneous reaction to suspicious moving objects in wide area locations before operators are aware of activity.

As with all VIVOTEK true day/night cameras, the AS5336E features a removable IR-cut filter, maintaining clear images 24 hours a day. With audio detection, by recognizing increases or decreases in sound volume, an additional layer of intrusion detection is ensured. Zoom enhancement provides 60x optical zoom at 640x360 resolution by which VGA-level bandwidth is used to obtain image details as high as 1080p resolution. With other advanced features such as 802.3at compliant PoE Plus and 60 fps high quality video, the AS5336E is the best choice for the most demanding outdoor surveillance applications.

SUPREME

Technical Specifications

Models	AS5336E	Alarm and Event	
System Information		Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, audio detection
CPU	Multimedia SoC (System-on-Chip)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Flash	128 MB	General	
RAM	256 MB	Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input Digital input*4 Digital output*2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)
Camera Features		LED Indicator	System power and status indicator
Image Sensor	1/3" Progressive CMOS	Power Input	PoE plus (IEEE 802.3at compliant) High Power PoE AC 24V
Maximum Resolution	1920x1080	Power Consumption	PoE plus: Max. 19W AC 24V: Max. 48W (heater on) Max. 19W (heater off) High Power PoE: Max. 48W (heater on) Max. 19W (heater off)
Lens Type	20x optical zoom, auto focus	Dimensions	Ø: 205 mm x 321 mm
Focal Length	f = 4.7 ~ 94 mm	Weight	Net: 3,660 g
Aperture	F1.6 (wide) ~ F3.5 (tele)	Casing	Weather-proof IP66- and NEMA 4X-rated metal housing
Auto-iris	DC-iris	Safety Certifications	CE, FCC Class A, VCCI, C-Tick, NEMA 4X
Field of View	3° ~ 55° (horizontal) 2° ~ 32° (vertical) 3° ~ 64° (diagonal)	Operating Temperature	-5°C ~ 55°C (PoE Plus) -40°C ~ 55°C (AC 24V / High Power PoE)
Shutter Time	1/1 sec. to 1/10,000 sec.	Warranty	36 months
WDR Technology	WDR Pro	System Requirements	
Day/Night	Removable IR-cut filter for day & night function	Operating System	Microsoft Windows 7/Vista/XP/2000
Minimum Illumination	0.02 Lux @ F1.6, 50 IRE (Color) 0.001 Lux @ F1.6, 50 IRE (BW)	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x or 8.x
Pan Speed	0.05° ~ 450° / sec.	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Pan Range	360 endless	Included Accessories	
Tilt Speed	0.05° ~ 450° / sec.	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Tilt Range	220° (-110° ~ +110°)	Others	Wall mount bracket, screws, waterproof connectors, terminal blocks, RJ45 coupler, ethernet cable, quick installation guide, warranty card, alignment sticker, T25 stardriver, seal ring, software CD
Preset Locations	256 preset locations	Dimensions	
Pan/tilt/zoom	48x digital zoom (4x on IE plug-in, 12x built-in)		
Functionalities	Auto pan mode Auto patrol mode		
Video			
Compression	H.264, MJPEG & MPEG-4		
Maximum Frame Rate	H.264: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/15 fps in WDR mode)		
Maximum Streams	4 simultaneous streams		
S/N Ratio	Above 60 dB		
Dynamic Range	108 dB		
Video Streaming	Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth		
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		
Audio			
Audio Capability	Audio input/output (full duplex)		
Compression	GSM-AMR, AAC, G.711		
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/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X		
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)		
ONVIF	Supported, specification available at www.onvif.org		
Intelligent Video			
Video Motion Detection	Triple-window video motion detection		
Auto-Tracking	Auto-tracking on moving object		

Compatible Accessories

Mounting Kits		PoE Kits		Power Adapter	
	AM-116 20 cm pendant pipe		AM-231 Parapet mounting kit		AM-519 1.5" PT adapter
	AM-117 40 cm pendant pipe		AM-221 Goose neck mounting kit		AP3001 PoE plus injector
	AM-118 Indoor pendant head		AM-103 Recessed kit		AP-331 High power PoE injector
					AA-341 AC 24V power adapter
		Others			
			AC-212 Smoked cover		AC-111 Vandal-proof transparent cover
			AO-001 Combo cable		

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