

# Speed Dome Network Camera

# SD8364E



1080p HD • 30x Zoom • NEMA 4X • IP66 • Defog • -40°C ~ 55°C • EIS • PoE Plus

VIVOTEK SD8364E is part of the SUPREME series product line offering 1080p Full HD resolution with superb image quality. Adopting a 30x optical zoom lens, the SD8364E 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 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 SD8364E 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 SD8364E 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 128 preset positions for patrolling. With the built-in auto tracking feature, the SD8364E 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 SD8364E 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. With other advanced features such as SD/SDHC/SDXC card slot, 802.3at compliant PoE Plus and 60 fps high quality video, the SD8364E is the best choice for the most demanding outdoor surveillance applications.

### **Features**

- 1080p Full HD SONY CMOS Sensor
- 30 fps @ 1080p Full HD; 60 fps @ 720p HD
- 30x Zoom Lens
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 220° Tilt
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66-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
- Built-in 802.3at Compliant PoE Plus
- 3D Privacy Masks for Additional Protection
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- Defog











System Information		
SUB-SAR-E   SUB-		
System Information CPU Multimedia SoC (System-on-Chip) Flash 128 MB 256 MB Camera Features Illiange Sensor 12.8 °Progressive CMOS Maximum Resolution 1920x1080 Lens Type 30x Optical Zoom, Auto Focus Focal Length f = 4.3-129 mm (30x zoom) Aperture F1.6 - F4.7 Auto-tris DC-iris 13^* - 36' (Morizontal) 13^* - 36' (Morizo	elligent Video	Trials windows data making data sting
Alarm are CPU Multimedia SoC (System-on-Chip) Flash 128 MB AB Alarm Trig RAM 256 MB Alarm Trig Camera Features  Image Sensor 1/2.8" Progressive CMOS Maximum Resolution 1920x1080 Lens Type 30x Optical Zoom, Auto Focus Focal Length f = 4.3-129 mm (30x zoom) Aperture F1.6" ~ F4.7" Canned on Trig Connector Ficial C	leo Motion Detection to-Tracking	Triple-window video motion detection  Auto-tracking on moving object
Alam Trig RAM 256 MB  Camera Features  Image Sensor 1/2.8" Progressive CMOS  Maximum Resolution 1920x1080 Lens Type 30x Optical Zoom, Auto Focus Focal Length 1 = 4.3 - 129 mm (30x zoom) Aperture F1.6 - F4.7  Auto-tris DC-iris DC-iris Shutter Time 1/1 sec. to 1/10,000 sec. WDR Technology WDR Pro Day/Night Removable IR-cut filter for day & night function US Lux @ F1.6, 30 IRE (Color) US Lux @ F1.6, 30 IRE (Color) US Pan Range 360 endless Tilt Speed 0.05" - 450" / sec Pan Range 200 (-110" - +110") Persest Locations Pan/tiltzzoom Functionalities Auto pan mode Auto patrol mode SD/SDHC/SDXC card slot  Video  Compression H.284, MJPEG & MPEG-4 Maximum Frame Rate H.264: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 192		rate additing on moving object
Alarm Ever Scanning Camera Features  Inage Sensor  I1/2 8" Progressive CMOS  Maximum Resolution  1920x1080  Job (Potical Zoom, Auto Focus Focal Length  F = 4, 3-129 mm (30x zoom)  Aperture  F 1.6 ~ F4.7  Connector  10 C-ris  Field of View  13" ~ 36" (vertical)  26" ~ 73" (diagonal)  26" ~ 73" (diagonal)  Shutter Time  1/1 sec. to 1/10,000 sec.  WDR Technology  WDR Pro  20xy/Night  Removable IR-out filter for day & night function  0.5 Lux @ F1.6, 30 IRE (Color)  0.03 Lux @ F1.6, 30 IRE (Color)  0.05" ~ 450" / sec  Pan Range  360 endless  Till Range  200" (-110" ~ +110")  Preset Locations  Pan/tilt/zoom Functionalities  48x digital zoom (4x on IE plug-in, 12x built-in)  Auto parm onde  Auto patrol mode  On-board Storage  Video  Compression  H 264, MJPEG & MPEG-4  H 264:  30 fps @ 1920x1080  60 fps @ 1280x720  MJPEG: 30 fps @ 1920x1080  60 fps @ 1280x720  MJPEG: 30 fps @ 1920x1080  60 fps @ 1280x720  MJPEG: 30 fps @ 1920x1080  60 fps @ 1280x720  MJPEG: 30 fps @ 1920x1080  60 fps @ 1280x720  MJPEG: 30 fps @ 1920x1080  60 fps @ 1820x1080  60 fps @ 1820x1080  60 fps @ 1820x1080  60 fps @ 1820x1080  60 fps @ 1820x10	arm and Event	
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Image Sensor  1/2.8" Progressive CMOS Maximum Resolution  1/2.0" Progressive CMOS Maximum Resolution  1/2.0" Progressive CMOS  Maximum Resolution  1/2.0" Progressive CMOS  3/2" A3" 20 mm (30x zoom)  Aperture  F1.6 ~ F4.7  Auto-iris  DC-iris  Field of View  23" - 64" (horizontal) 13" - 36" (vertical) 26" - 73" (diagonal)  Shutter Time  1/1 sec. to 1/10,000 sec.  WDR Technology  WDR Pro  Day/Night  Removable IR-cut filter for day & night function  Minimum Illumination  0.5 Lux @ F1.6, 30 IRE (Color) 0.03 Lux @ F1.6, 30 IRE (BWV)  Pan Speed  0.05" - 450" / sec Pan Range 360 encliess  Till Speed  0.05" - 450" / sec Pan Range 360 encliess  Till Speed  0.05" - 450" / sec Preset Locations  Pan/Ilit/zoom Functionalities  48x digital zoom (4x on IE plug-in, 12x buill-in) Auto pan mode Auto part mode Auto part mode Auto part mode  On-board Storage  SD/ISDHC/SDXC card slot  Video  Compression  H. 264, MJPEG & MPEG-4  Maximum Frame Rate  H. 264: 30 fps @ 1920x1080 60 fps @ 1920x1		boot, recording notification, camera tampering detection, audio
Image Sensor	rm Events	detection  Event notification using digital output, HTTP, SMTP, FTP and
Lens Type  30x Optical Zoom, Auto Focus Focal Length  f = 4,3-129 mm (30x zoom)  Aperture  F1.6 ~ F4.7  Auto-iris Field of View  23° ~ 64° (horizontal) 13° ~ 36° (vertical) 26° ~ 73° (diagonal)  Shutter Time  1/1 sec. to 1/10,000 sec.  WDR Technology  WDR Pro  Dough light  Removable IR-cut filter for day 8. night function  0.5 Lux @ F1.6, 30 IRE (Color) 0.03 Lux @ F1.6, 30 IRE (B/W)  Pan Speed  10.05° ~ 450° / sec  Tilt Speed  10.05° ~ 450° / sec  Tilt Range  220° (-110° ~ +110°) Preset Locations  Pan/tilt/zoom Functionalities  Alto patrol mode Auto patrol mode On-board Storage  SD/SDHC/SDXC card slot  Video  Compression  H.264; 30 fps @ 1920x1080 60 fps @ 1280x720 Maximum Frame Rate  H.264: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-3: MPEG-3: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-3: MPEG-3: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-3: MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-3: Operating  Maximum Streams  A simultaneous streams  S/N Ratio Above 50 dB Above 50 dB Above 80 dB Alto and with trate 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   Dimeritimeter  Dimeritimeter  EED Indica Connerative Maximum Streams  Application Maximum Streams  Application Maximum Streams  Application Maximum Streams  Application Maximum	IIII EVCIIG	NAS server
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13° ~ 36° (vertical)   26° ~ 73° (idiagonal)   1/1 sec. to 1/10,000 sec.   WDR Technology   WDR Pro   Day/Night   Removable IR.cut filter for day & night function   Minimum Illumination   0.5 Lux @ F1.6, 30 IRE (Color)   0.03 Lux @ F1.6, 30 IRE (BW)   Pan Speed   0.05° ~ 450° / sec   Pan Range   360 endiess   Tilt Speed   0.05° ~ 450° / sec   Power Inp   Preset Locations   220° (-110° ~ +110°)   Preset Locations   48x digital zoom (4x on IE plug-in, 12x built-in)   Auto pan mode   Auto patrol mode   Auto patrol mode   Auto patrol mode   SD/SDHC/SDXC card slot   Dimension   Weight   Casing   30 fps @ 1920x1080   60 fps @ 1280x720   MJPEG-4:   30 fps @ 1920x1080   60 fps @ 1280x720   MJPEG-5:   30 fps @ 1280x720   MJPEG-5:   30 fps @ 12		Audio input
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Day/Night Removable IR-cut filter for day & night function  Minimum Illumination  0.5 Lux @ F1.6, 30 IRE (Color)  0.03 Lux @ F1.6, 30 IRE (B/W)  Pan Speed  0.05° ~ 450° / sec  Pan Range 360 endless  Tilt Speed 0.05° ~ 450° / sec  220° (-110° ~ +110°)  Preset Locations  Pan/tilt/zoom Functionalities 48x digital zoom (4x on IE plug-in, 12x built-in) Auto pan mode Auto patrol mode On-board Storage  SD/SDHC/SDXC card slot  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 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1380x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1020x1080 60 fps @ 1020x1080 60 fps @ 1020x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1020x1080 60 fps @ 1020x1		Digital input*4 Digital output*2
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Power Inp Power	D Indicator	System power and status indicator
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Pan/tilt/zoom Functionalities		AC 24V:
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On-board Storage SD/SDHC/SDXC card slot  Video  Compression H.264, MJPEG & MPEG-4 Maximum Frame Rate H.264: 30 fps @ 1920x1080 80 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 80 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 80 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 80 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 80 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		Max. 19W (heater off)
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 MPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		High Power PoE:
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 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 0.000 Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 dB Video Streaming Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth 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  Audio  Audio Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		Max. 48W (heater on) Max. 19W (heater off)
Compression H.264, MJPEG & MPEG-4  Maximum Frame Rate H.264:  30 fps @ 1920x1080  80 fps @ 1280x720  MPEG-4:  30 fps @ 1920x1080  80 fps @ 1280x720  MJPEG:  30 fps @ 1920x1080  80 fps @ 1280x720  MJPEG:  30 fps @ 1920x1080  80 fps @ 1020x1080  80	mensions	Ø: 205 mm x 321 mm
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 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		Net: 3,660 g
30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 dB Video Streaming Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth 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  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		Weather-proof IP66- and NEMA 4X-rated metal housing
60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: Warranty 50 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 dB Video Streaming Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth 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  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	9	Built-in electrical dehumidifier device (SD8364E-M)
30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth  Image Settings Adjustable in age 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  Audio  Audio Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	fety Certifications	CE, FCC Class A, VCCI, C-tick, NEMA 4X
60 fps @ 1280x720  MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	erating Temperature	-5°C ~ 55°C (PoE Plus)
MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Above 50 dB  Dynamic Range  Above 86 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 Defog  Audio  Audio  Audio Capability  Audio input/output (full duplex) Compression  AAC, G.711, G.726 Interface External microphone input		-40°C ~ 55°C (AC 24V)
30 fps @ 1920x1080 80 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio Audio Audio Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		-40°C ~ 55°C (High Power PoE)
60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)  Maximum Streams 4 simultaneous streams  S/N Ratio Above 50 dB Dynamic Range 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 Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	arranty	36 months
Maximum Streams 4 simultaneous streams S/N Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	stem Requirements	
Maximum Streams 4 simultaneous streams Web Brow Dynamic Range Above 80 dB Video Streaming Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth 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  Audio Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	parating System	Microsoft Windows 7/Vista/XP/2000
SAN Ratio Above 50 dB Dynamic Range Above 86 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 Defog  Audio Audio Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		Mozilla Firefox 7~10 (Streaming only)
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 Defog  Audio Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	SD DIOWOCI	Internet Explorer 9.x or 10.x
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 Defog  Audio  Audio Capability  Audio input/output (full duplex) Compression  AAC, G.711, G.726 Interface External microphone input	ner Players	VLC: 1.1.11 or above
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  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	,	Quicktime: 7 or above
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  Audio  Audio Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	cluded Accessories	
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  Audio Audio Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		
Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	)	User's manual, quick installation guide, Installation Wizard 2,
balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	Otto ovo	ST7501 32-channel recording software  Wall mount bracket, screws, waterproof connectors, terminal
Scheduled profile settings Defog  Audio  Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input	ICIS	blocks, quick installation guide, warranty card, alignment sticker,
Defog  Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		ground wire, T25 stardriver, software CD, desiccant bags
Audio Audio Capability Audio input/output (full duplex) Compression AAC, G.711, G.726 Interface External microphone input		ground wire, 120 starting, software ob, desideant bays
Audio Capability Audio input/output (full duplex)  Compression AAC, G.711, G.726  Interface External microphone input	imensions	
Compression AAC, G.711, G.726 Interface External microphone input	inionolono	
Interface External microphone input	T	
Network		

## **Compatible Accessories**



Mounting Kits

Users Protocols

Interface

## AM-116

20 cm pendant pipe







AM-231 Parapet mounting kit

QoS, SNMP, 802.1X 10Base-T/100 BaseTX Ethernet (RJ-45)

Supported, specification available at www.onvif.org



Live viewing for up to 10 clients IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS,

AM-519 1.5" PT adapter





AP3001 PoE plus injector

391 mm



205 mm

AP-331 High power PoE injector

321 mm

## Power Adapter

316 mm



AA-341 AC 24V power adapter











AC-212 Smoked cover



AC-111 Vandal-proof transparent



AO-001 Combo cable

Ver 1.2

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