



AB5328-F3

Bullet Network Camera



5MP · 30M IR · WDR Enhanced · 3DNR · Smart Stream · Smart IR · Video Rotation · IP66 · IK10 · Cable Management · Defog

VIVOTEK's AB5328-F3 is a series of economic professional outdoor bullet network cameras in VIVOTEK's 5MP Lite series which offer up to 15 fps at 5-Megapixel or 30 fps at 1080p resolution at a competitive price. Equipped with a new high resolution image sensor, different from other 5MP cameras, the AB5328-F3 series provides sharper image quality and finer detail at a cost-effective price. And with powerful 3D Noise Reduction technology and Smart Stream technology the AB5328-F3 series can also optimize resolution for a desired object or area to maximize efficiency of bandwidth usage.

Increasing its simple operation, the AB5328-F3 provides fixed focus without electrical power. To provide higher resolution in outdoor and harsh environments, VIVOTEK's AB5328-F3 is also armed with IP66-rated housing to help the camera body withstand rain, dust and high pressure water jets from any direction, while its IK10-rated housing provides protection against acts of vandalism or other impacts.

With the highly flexible VADP (VIVOTEK Application Development Platform), users can extend the features of this series by adding third-party applications for the AB5328-F3.

Key Features

- 5-Megapixel CMOS Sensor
- 15 fps @ 2560x1920, 30 fps @ 1920x1080
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- Smart Stream to Optimize Bandwidth Efficiency
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
- 3D Noise Reduction for Low-light Conditions
- Two-way Audio
- Video Rotation for Corridor View
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- VIVOTEK VCA (Video Content Analysis) Support



Smart Stream - Manual Mode



Smart Stream - Auto Mode



Entrance



Campus



Parking Lot



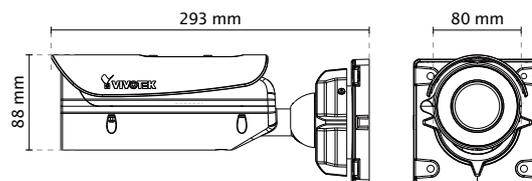
Train Station

Technical Specifications

Model	AB5328-F3: Fixed-focal
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	1Gb
RAM	4Gb
Camera Features	
Image Sensor	1/3.2" Progressive CMOS
Maximum Resolution	2560x1920 (5MP)
Lens Type	Fixed-focal
Focal Length	f = 3.6 mm
Aperture	F2.1
Field of View	68° (Horizontal) 51° (Vertical) 89° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.089 Lux @ F2.1 (Color) 0.001 Lux @ F2.1 (B/W)
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR IR LED*8
Video	
Compression	H.264 & MJPEG
Maximum Frame Rate	15 fps @ 2560x1920 15 fps @ 2048x1536 30 fps @ 1920x1080 In both compression modes
Maximum Streams	4 simultaneous streams
S/N Ratio	Above 65 dB
Dynamic Range	70 dB
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream
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, scheduled profile settings, 3D noise reduction, video rotation, defog
Audio	
Audio Capability	Two-way Audio (full duplex)
Compression	G.711, G.726
Interface	External microphone input Audio 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
Interface	10Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard Cat. 5e & Cat. 6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video	
Video Motion Detection	Five-window video motion detection
VCA	Line crossing detection, field detection, loitering detection *Available per project request.
Alarm and Event	
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP, NAS server
General	
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*1
LED Indicator	System power and status indicator
Power Input	DC 12V IEEE 802.3af/at PoE Class 0
Power Consumption	Max. 9 W
Dimensions	Ø 88 x 293 mm
Weight	Net: 1264 g
Casing	Weather-proof IP66-rated housing Vandal-proof IK10-rated metal housing (Casing only)
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)
Warranty	24 months
System Requirements	
Operating System	Microsoft Windows 7/8/Vista/XP/2000
Web Browser	Mozilla Firefox 7~43 (Streaming only) Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Included Accessories	
Others	Sun shield, wall mount bracket, waterproof RJ45 Ethernet enclosure, alignment sticker / desiccant bag, waterproof connector, screw

Dimensions



Compatible Accessories

Mounting Kits



AM-714
Junction Box