



AI VIEW
by Bkav



ULTRA ZOOM BULLET B1200-0233 AI-BASED CAMERA



FHD 1920 x 1080 30FPS



OPTIMIZED IR WITH
25M (82FT) RANGE TO 350M (1148FT)



-40°C - 60°C (-40°F - 140°F)

B1200-0233 First-class FHD 1920 x 1080 video with 33x optical zoom.

B1200-0233 Network Camera is an all-integrated camera delivering FHD 1920 x 1080 resolution and 33x optical zoom for easy and flexible installation at any distance as well as detailed video for identification. With a wide temperature range, impact resistance and IP66, IK10, this reliable camera is ready for tough environments. Lightfinder, Optimized IR with 25m (82ft) in wide field of view and 350m (1148ft) in full tele view, or more depending on the scene in challenging light conditions and darkness. B1200-0233 offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.



GENERAL

Casing	IP66, IK10 With a wide temperature range, impact resistance, this reliable camera is ready for tough environments.
Color / Material	Body: White / Aluminum Sun-Shield: White / Plastic
Operation Temperature / Humidity	-40°C - 60°C (-40°F - 140°F); 10 - 100%RH
Dimensions	L503 x W242 x H170mm
Weight	4.05kg
Memory	4GB RAM, 64GB FLASH
IR Illumination	Optimized IR with power-efficient, long-life 850nm IR LED's with adjustable angle of illumination and intensity. Range of reach 25m (82ft) in wide field of view and 350m (1148ft) in full tele view, or more depending on the scene. Distance: 10° - 40°, 25 - 100m (6W) 10° - 40°, 50 - 140m (12W) 10° - 30°, 70 - 200m (24W) 10° - 30°, 150 - 350m (48W)
Wiper & Heater	Support
Mirco SD Card	External, up to 256G
Power	Power: PoE IEEE 802.3af/802.3at Power consumption: 30 - 80W depends on IR LED module (IR LED: 6, 12, 24, 48W)
GPS	Not support
Wi-Fi	Not support

CAMERA

Application	Outdoor Security, Smart parking, Safety Alert, Violation Law Alert, Traffic, Highway
Processor	Qualcomm QCS605 Qualcomm® Kryo™ 300 CPU, Octa-core 64-bit 2.5GHz 10nm Qualcomm® Adreno™ 615 GPU Qualcomm® Hexagon™ 685 DSP
Image Sensor	1/2.8" CMOS, Sony IMX327
Electronic Shutter Speed	Minimum / Maximum: 1/100 - 1/25000s Anti Banding
Automatic Day/Night	Support
Minimum Illumination	Color: 0.01Lux, IR: 0.001Lux F1.4

LENS

Optical Zoom	33x
Digital Zoom	1x
Focal Length	4.5 - 148.5mm
FOV (Horizontal, Vertical)	H: 60.1°(W) - 2.28°(T) V: 36.2°(W) - 1.29°(T) D: 67.28°(W) - 2.61°(T)
Min. Object Distance	Wide: 0.1m - ∞, Tele: 1.5m - ∞
Auto IRIS	F1.4(W) - 4.2(T)
Auto Focus	Support



EDGE-AI FEATURES

AI Features	Face Mask Detection
	Face recognition
	Human Detection
	Intelligence Transport System
	Fire Detection
	Social Distancing
Tamper Detection	Support by hardware
Motion Detection	Multi polygonal zones

VIDEO

Resolution	FHD 1920 x 1080
Frame Rate	30fps
Video Compression	H.264, H.265
Streaming	Allow upto twenty (20) simultaneous multi-streams using H.265, H.264

IMAGE

Night Vision Technology	Support
Digital Noise Reduction	Qualcomm ANR
Gain Control	Low / Middle / High
White Balance	Incandescent / Fluorescent / Auto / Daylight / Cloudy
Video Rotation	Mirror, Rotate
Bitrate Control	H.265/H.264: CBR

AUDIO

Audio In	Selectable (mic in/line in) Supply 1.8V, 3mA output current, Impedance detection: 4 - 70k Ω
Audio Out	Lineout: - 30.8mW (typical) with 32 Ω - 61.6mW (typical) with 6 Ω
Audio Compression	Playback: WAV maximum 24-bit, 192kHz Stream audio: AAC 16-bit, 48kHz

PTZ

Pan/Tilt/Zoom	Not support
PT Speed	Not support

NETWORK CONNECTIVITY

Interface	RJ-45 cable connector for Network 10/100/1000Mbps
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTSP, HTTP, HTTPS, SSI/TLS, DHCP
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari (Mac OS X only)
Security	Password Protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication



SYSTEM INTEGRATION

Application Programming Interface	ONVIF Profile S/G/T
Analytics	Directional detection, Face detection, Motion detection, Enter/Exit, Traffic, ANPR
Alarm Triggers	Network disconnect
Alarm Events	FTP, Email, Server VA, Sound Alarm output

ACCESSORY



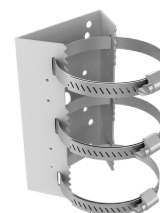
E300-95W100
Power supply PoE 95W



E300-60W100
Power supply PoE 60W



E640-V10
Water supply tank



E630-D6
Pole mount adapter



E700-U20I10
Surge protector



E600-P48D350
48W IR LED



E600-P12D140
12W IR LED

