



# ULTRA ZOOM SPEED DOME S500-0233 AI-BASED CAMERA

 **FPS FHD 1920 x 1080 60FPS**

 **OPTIMIZED IR WITH 200M (656FT) RANGE**

 **-40°C - 60°C (-40°F - 140°F)**

S500-0233 First-class FHD 1920 x 1080 video with 33x optical zoom.

S500-0233 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 200m (656 ft) range ensure details in challenging light conditions and darkness. S500-0233 offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.



## GENERAL

Casing	IP66, IK10
Color / Material	Body: Black / Aluminum Head: White / Aluminum
Operation Temperature / Humidity	-40°C - 60°C (-40°F - 140°F); 10 - 100%RH
Dimensions	L380 x W290 x H450mm
Weight	4.67kg
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 up to 200m (656ft) or more depending on the scene
Wiper & Heater	Support (Hidden wiper)
Mirco SD Card	External, up to 256GB
Power	Power: AC 24V ±5% Power consumption: Max 35W Max 37 (With PTZ)
GPS	Support GPS, Glonass, Galileo, BeiDou
Wi-Fi	Not support

## CAMERA

Application	Outdoor Security, Smart parking, Safety Alert, Violation Law Alert, Traffic, Highway, Building surveillance
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	4x
Focal Length	4.5 - 148.5mm
FOV (Horizontal, Vertical)	H: 60.1°(W) - 2.28°(T) V: 39.2°(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
AI Features	At edge

## VIDEO

Resolution	FHD 1920 x 1080
Frame Rate	60fps
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
Wide Dynamic Range	120 dB

## AUDIO

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

## PTZ

Pan/Tilt/Zoom	Pan: 360° endless Tilt: 95° Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed
PT Speed	Manual pan speed 0.1 - 180°/S Manual tilt speed 0.1 - 90°/S Preset speed 240°/S

## NETWORK CONNECTIVITY

Interface	RJ-45 cable connector for Network 10/100Mbps
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 Explore 11, 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

## CERTIFICATE

ISO 9001:2015  
FCC

## ACCESSORY



**E401-24VAC72W32**  
AC power adapter for  
US/Canada/Mexico



**E403-24VAC72W10**  
AC power adapter for  
Japan



**E404-24VAC72W71**  
AC power adapter for Malaysia



**E405-24VAC72W61**  
AC power adapter for  
Singapore, India



**E400-24VAC72W51**  
AC power adapter for Vietnam

