AI VIEW
by Bkav

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4K DOME
B2400-0803F
AI-BASED CAMERA

FPS UHD 3840 x 2160 30FPS

OPTIMIZED IR WITH 30M (98FT) RANGE

-40°C - 50°C (-40°F - 122°F)

B2400-0803F UHD 3840 x 2160.

B2400-0803F Network Camera is an all-integrated camera delivering UHD 3840 x 2160 resolution and 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. B2400-0803F offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.

HDTV NETWORK VIDEO   open security & safety alliance   FC   Onvif | SGT

GENERAL

Casing	IP66, IK10
Color / Material	Top : White / Aluminum Bottom : White / Aluminum
Operation Temperature / Humidity	-40°C - 50°C (-40°F - 122°F); 10 - 100%
Dimensions	L296.5 x W165 x H266.5mm
Weight	1.85kg
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 30m (98ft) or more depending on the scene
Wiper & Heater	Not support
Mirco SD Card	External, up to 256G
Power	Power: DC12V 10%/ PoE (IEEE802.3at) Power consumption DC12V: Max 13W PoE: Max 14.5W

CAMERA

Application	Supervision Office, Mall, School, Smart Parking, Outdoor/Indoor, Wide-angle Monitoring, Traffic Monitoring...
Processor	Qualcomm QCS605 Qualcomm® Kryo™ 300 CPU, Octa-core 64-bit 2.5GHz 10nm Qualcomm® Adreno™ 615 GPU Qualcomm® Hexagon™ 685 DSP
Image Sensor	1/1.8" CMOS, Sony IMX334
Electronic Shutter Speed	Minimum / Maximum: 1/100 - 1/25000s Anti Banding
Automatic Day/Night	Support
Minimum Illumination	Color: 0.005Lux, IR: 0.001Lux F1.7

LENS

Optical Zoom	3x
Digital zoom	2x
Focal Length	10.9 - 29mm
FOV (Horizontal, Vertical)	H: 42°(W)- 15°(T) V: 22.8°(W) - 8.4°(T) D: 48.7°(W) - 17.1°(T)
Min. Object Distance	Wide: 2.5m - ∞, Tele: 6m - ∞
Auto IRIS	F1.7 ± 5%
Auto Focus	Support

EDGE-AI FEATURES

AI Features	Face Mask Detection
	Face recognition
	Human Detection
	Intelligence Transport System
	Fire Detection
	Social Distancing
Tamper Detection	Not support

VIDEO

Resolution	UHD 3840 × 2160
Frame rate	30fps
Video compression	H.264, H.265
Streaming	Allow upto twenty (20) simultaneous multi-streams using H.265, H.264

AUDIO

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

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

PTZ

Pan/Tilt/Zoom	Pan: 360° Tilt: 65°
PT Speed	Manual pan speed 0.1 - 150°/S Manual tit speed 0.1 - 50°/S

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