AI VIEW
by Bkav

FULLHD DOME
C300-0200
AI-BASED CAMERA

FHD 2MP AT 30 FPS	**-10°C ~ +60°C (14°F TO 140°F)**
OPTIMIZEDIR WITH 20 M (65 FT) RANGE	**WIDE ANGLE, FIXED FOCAL**

C300-0200 Dome Full HD, wide angle, fixed focal.
C300-0200 Network Camera is an all-integrated camera delivering 2 megapixel resolution and wide angle for easy and flexible installation at any distance as well as detailed video for identification. With a wide temperature range, impact resistance, this reliable camera is ready for tough environments. Lightfinder, OptimizedIR with 20 m (65ft) in wide field of view, or more depending on the scene in challenging light conditions and darkness. C300-0200 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
Color / Material	Top: White / Aluminum alloy Bottom: White / Aluminum alloy
Operation Temperature / Humidity	-10°~+60°C; 10-100%RH
Dimensions	93.1 (L) x 93.1 (W) x 68 (H) mm
Weight	0.36 kg
Memory	1GB RAM, 8GB Flash
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LED's with adjustable angle of illumination and intensity. Range of reach up to 20m (65ft) or more depending on the scene
Mirco SD Card	External, up to 256 GB
Power	DC 12V/1A
Wi-Fi	Support

CAMERA

Application	Supervision Office, Mall, School, Smart Parking, Outdoor/Indoor, Wide-angle Monitoring
Processor	Qualcomm APQ8053 Qualcomm® 8x ARM Cortex A53, Octa-core CPU, 64-bit 1.8GHz 14nm Qualcomm® Adreno™ 506 GPU Qualcomm® Hexagon™ 546 DSP
Image Sensor	1/2.8" CMOS Sony IMX307
Electronic Shutter Speed	Minimum / Maximum: 2~1/20,000sec Anti Banding
Automatic Day/Night	Support
Minimum Illumination	Color: 0.01Lux, IR: 0.001Lux

LENS

Focal Length	Fixed focal 4mm
FOV (Horizontal, Vertical)	H: 87.5° V: 44.4° D: 104.9°
Min. Object Distance	0.97m ~∞
Auto IRIS	F1.6
Auto Focus	Fixed focus

EDGE-AI FEATURES

AI Features	Human detection Face recognition

VIDEO

Resolution	2MP
Frame Rate	30 fps
Video Compression	H.264, H.265
Streaming	Maximum of ten (10) simultaneous multi-streams using H.265, H.264

AUDIO

Audio In	Support
Audio Out	Support

IMAGE

Night Vision Technology	Support
Digital Noise Reduction	Qualcomm ANR
Gain Control	Low / Middle / High
Video Rotation	Mirror, Rotate
Bitrate Control	H.265/H.264: CBR

NETWORK CONNECTIVITY

Interface	RJ-45 cable connector for Network 10/100 Mbps Wi-Fi 802.11 a/b/g/n, dual-band 2.4GHz and 5GHz
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTSP, HTTP, HTTPS, SSl/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	Human detection, Face recognition
Alarm Triggers	Network disconnect
Alarm Events	FTP, Email, Server VA, Sound Alarm output