



AI VIEW
by Bkav



4K DOME P400-0803FG AI-BASED CAMERA



UHD 3840 x 2160 30FPS



OPTIMIZED IR WITH 30M (98FT) RANGE



-40°C - 50°C (-40°F - 122°F)

P400-0803FG UHD 3840 x 2160.

P400-0803FG 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. P400-0803FG offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.



GENERAL

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|----------------------------------|---|
| 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 |
| GPS | Support |
| Wi-Fi | Not support |

CAMERA

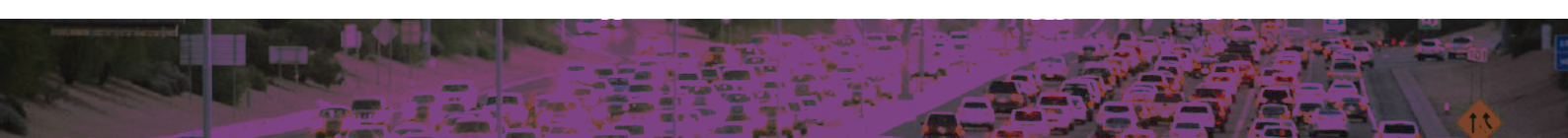
| | |
|--------------------------|---|
| Application | Supervision Office, Mall, School, Smart Parking, Outdoor/Indoor, Wide-angle Monitoring, Traffic Monitoring... |
| Processor | Qualcomm QCS605 Qualcomm® Kryo™ 300 CPU, Octa-core 64-bit 2.5GHz 10nm Qualcomm® Adreno™ 615 GPU Qualcomm® Hexagon™ 685 DSP |
| 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

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|----------------------------|--|
| Optical Zoom | 3x |
| Digital zoom | 8x |
| 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

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



VIDEO

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|-------------------|--|
| 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

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|-------------------|---|
| 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

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|------------|--|
| 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 |

