

C192

Face recognition sensorless contrast capture dome camera



Product Features:

Professional intelligent functions

- Imbedded intelligent deep learning face algorithm, which extracts target features by itself and forms deep face images available for learning.
- Support front-end face comparison, support detection, tracking, capture, scoring, feature extraction, identification of moving faces, and output optimal face comparison results.
- support a variety of face capture modes: fast, interval, after leaving (with: distance selection, quality selection) and other face capture modes, the number of captures can be set.
- Support face area identification, area shielding, list management, alarm settings, comparison records and other parameters settings.
- Support up to 32 face detections per frame; support face detection between 30*30-500*500 pixels.
- supporting face picture and original picture uploading with adjustable quality of face picture coding
- supporting the management of up to 3 face banks, supporting up to 22400 face banks; supporting multiple arming time period settings
- Support the storage space of total face library up to 16GB, single face support 150*150-960*960 pixels interval.
- Support black and white list comparison, VIP list library comparison, non-face library person identification, complete alarm output.
- Support face intelligent exposure mode, wide dynamic range up to 120dB, the face is still clearly visible in strong backlight
- Face capture scenes for backlight environment and ordinary environment, respectively, with two modes of backlight scenes and ordinary scenes can be set; -Built-in electric lens zoom lens, with a wide dynamic range of 120dB, faces are still clearly visible in strong backlight
- Built-in electric lens zoom lens, easy to operate and smooth zoom process.
- Built-in high-efficiency infrared array lamp, low power consumption, with ICR infrared filter, automatically switch color/black mode, to achieve day and night uninterrupted capture.
- Support Smart IR, through intelligent adjustment of the brightness curve, so as to prevent a block of image overexposure and a block of image underexposure and other phenomena.
- The lens can be optional 8mm lens capture distance is 2-3 meters, 16mm lens capture distance is 4-6 meters, 25mm lens capture distance is 7-10 meters

General Functions

- Up to 2 megapixel resolution (1920 x 1080) and 30fps real-time image output at this resolution for smoother images
- Progressive scan CMOS, capture motion images without jaggies
- Adopt the latest standard H.265+ video compression technology, high compression ratio, accurate and stable code stream

control

-Built in automatic day and night type dual filter switching mechanism, with manual or automatic color to black and other switching methods

-Support intelligent coding, support up to 4 ROI region of interest

-Support intelligent control, one key control alarm switch, fault clearance

-Support intelligent out-of-focus detection, and support two types of tips: screen output, associated with the movement of the alarm output

-Support digital wide dynamic, 3D digital noise reduction function

-With a variety of white balance mode, suitable for a variety of scenes

-Support standard 128G Micro SD/SDHC/SDXC card storage

-Support Onvif protocol, GB28181

-Support DC 12V / POE / AV24V power supply.

Technical parameters:

Model	C192
Camera	
Sensor Type	1/1.8" Progressive Scan CMOS
Two-axis adjustment	P:0-360 ° , Vertical: 0-75 ° , Horizontal: 0-360 °
Electronic shutter	1/12s~1/8000s
Minimum Illumination	Color0.001Lux@F1.2; Black and white0.0001Lux@F1.2;
Signal-to-noise ratio	≥50dB(AGC OFF)
Wide dynamic range	≥120dB
Noise reduction	3D numeric descending noise
Lens Type	9-22mm F1.4, horizontal field of view 38 ° ~17 °
Compression standard	
Video compression standards	H.265+/H.265/H.264/MJPEG
Code Type	BaseLine/Main Profile/High Profile
Video bitrate	32 Kbps~16Mbps
Audio Compression Format	G.711a/ G.711u/G.726
Images	
Image Settings	Adjustable brightness, contrast, saturation, sharpness, white balance; AWB (Auto White Balance), AGC (Auto Gain), AE (Auto Exposure Control); support for privacy area blocking; OSD overlay.
Maximum image size	1920 × 1080

Video Resolution	Master Code Stream	1080P(1920 × 1080)/1280 × 720
	Sub-code stream	1280 × 720/D1(704 × 576)/VGA(640 × 480)/QVGA(320 × 240)
Video frame rate		50Hz: 1~25fps 60Hz: 1~30fps
Character Overlay		Support
Smart Features		
Smart Code		Support low bit rate, low latency, ROI region of interest enhanced coding, support 4 ROI regions
Smart Detection		Support intelligent out-of-focus detection, and support two prompting methods: screen output, associated with the movement of the alarm output
Smart Control		Support intelligent control alarm on, alarm off, fault clearing, intelligent noise reduction
Professional Intelligence		
Face Matching		Support detecting, tracking, capturing, scoring, feature extraction and recognition of moving faces, and output the optimal face comparison results
Capture mode		Fast, interval, leave after a variety of face capture mode, the number of capture can be set
Face capture pixels		Support face detection between 30*30-500*500 pixels
Face Exposure		Support
Image information		Image using JPEG encoding format, support face image and original image upload, face image encoding quality adjustable
Upload method		Private protocols, FTP, HTTP
Face Storage		Built-in 16G storage, supports up to 22,400 faces
Network Parameters		
Network Protocols		IPv4, HTTP/HTTPS,802.1x, TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP;
Access Standards		Support the latest ONVIF/ GB28181
Number of client visits		Support 8 users login at the same time
Support cell phone monitoring		Support iOS, Android platform
Auxiliary Interface		
Network Interface		1 RJ45 10M/100M adaptive Ethernet port
Audio Interface		1 way audio input (MIC IN/Line IN), level 2Vp-p, impedance 1kΩ 1 way audio output, impedance 16Ω, 30mw output power, support the connection of headphones or amplifier
Local Storage		Supports standard 128G Micro SD/SDHC/SDXC card storage
Alarm interface		1 low-level alarm signal input, Vin<=0.3V 1-channel switching alarm signal output, maximum support DC24V 1A
Reset Interface		1 reset button, supports one-touch recovery
Conventional parameters		
The power supply		DC12V ± 20% / PoE(802.3at) / AC24V ± 20%
Power consumption		15W(MAX)
Compensatory light irradiation distance		20m
Infrared wavelengths		850nm
Operating temperature and humidity		-30℃~60℃, humidity less than 95%(no condensation)

Riot level	IK10
size	Φ 142.4*112.6mm
The weight	1200g(including packing accessories)
installation	Wall mounting or hoisting

General dimension drawing(mm):

