

C191

2 megapixel 1 / 2.8 "CMOS intelligent face recognition camera



Product features:

Professional intelligence function

- Embedded intelligent deep learning face algorithm can extract target features and form deep learning face image;
- Support the function of face capture, support the detection, tracking, capture, scoring, screening of moving face, and output the optimal face capture;
- Support a variety of face capture modes: fast, interval, after leaving (including: distance optimization, quality optimization) and other face capture modes, and the number of capture can be set;
- It supports face region recognition, region shielding, face ID statistics and multiple face parameter settings;
- Support up to 32 face detection per frame;
- Support face detection between 30 * 30-500 * 500 pixels;
- Support the uploading of face image and original image, and the coding quality of face image can be adjusted;
- It supports intelligent face exposure mode, with a wide dynamic range of 80dB. Under strong backlight, the face is still visible;
- There are two modes to set for face capturing scene: backlight scene and normal scene;
- Built in high efficiency infrared array lamp, low power consumption, with ICR infrared filter, automatic switching color / black mode, to achieve day and night continuous capture of human face;

General functions

General functions

- The highest resolution can be up to 2 million pixels (1920 × 1080), and the real-time image of 30fps can be output at this resolution, which makes the image smoother
- Scan CMOS line by line, capture moving image without sawtooth
- Adopt the latest standard h. 265 + video compression technology, with high compression ratio, accurate and stable code stream control
- Built in automatic day and night double filter switching mechanism, with manual or automatic color to black switching mode
- Support intelligent coding and up to 4 ROI regions of interest
- Support intelligent control, one key control alarm switch, fault clearing
- Support intelligent detection, 5 anomaly detection, 3 behavior analysis

- Support digital wide dynamic, 3D digital noise reduction function
- With a variety of white balance modes, suitable for various scenarios
- Support standard 128G micro SD / SDHC / SDXC card storage
- Support the onvif protocol and national standard gb28181
- Support DC 12V / POE power supply optional;

Order model: c191

Technical parameters:

model		C191
camera		
Sensor type	1/2.8" Progressive Scan CMOS	
Electronic shutter	1/12s~1/8000s	
Minimum illuminance	Color 0.005Lux@F1.2; Black and white 0.007Lux@F1.2;	
Signal to noise ratio	≥50dB (AGC OFF)	
Wide dynamic range	≥80dB	
noise reduction	3D digital noise reduction	
Lens type	16mm CS interface fixed focus lens	
Compression standard		
Video compression standard	H. 265+/H. 265/H. 264/MJPEG	
Coding type	Main Profile	
Video rate	32 Kbps~16Mbps	
Audio compression format	G. 711a/ G. 711u/G. 726	
image		
Image settings	It can adjust brightness, contrast, saturation, sharpness and white balance; AWB (automatic white balance), AGC (automatic gain); support privacy area occlusion; OSD overlay;	
Maximum image size	1920 × 1080	
Video resolution	Main stream	1080P (1920×1080)/1280×720
	Auxiliary code stream	D1 (704×576)/VGA (640×480)/640×352/QVGA (320×240)
Video frame rate	50Hz: 1~25fps 60Hz: 1~30fps	
Character overlay	support	
Smart features		
Smart code	Support low bit rate, low delay, ROI ROI region of interest enhancement coding, support 4 ROI regions	
Smart detection	Support occlusion detection, brightness detection, sound detection, legacy detection, mobile detection, virtual warning line, area intrusion	
Smart control	Support intelligent control alarm on, alarm off, fault clearing, intelligent noise reduction	
Professional intelligence		

Face capture	Support the detection, tracking, capturing, scoring and screening of moving face, and output the best face snapshot
Capture mode	Fast, interval, after leaving and many other face capture modes, the number of capture can be set
Face capture pixel	Support face detection between 30 * 30-500 * 500 pixels
Face exposure	support
Picture information	The image adopts JPEG encoding format, supports the uploading of face image and original image, and the encoding quality of face image is adjustable
Upload method	Private protocol, FTP, http
Network parameters	
Network protocol	IPv4, HTTP/HTTPS, 802.1x, TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP;
Access standard	Support the latest onvif / gb28181
Number of client access	8 users can log in at the same time
Support mobile monitoring	Supports IOS and Android platforms
Auxiliary interface	
network interface	One RJ45 10m / 100M adaptive Ethernet port
Local storage	Support standard 128G micro SD / SDHC / SDXC card storage
Alarm interface	One switch value alarm signal output, maximum support dc24v1a
General parameters	
Infrared distance	Up to 50m
power supply	DC 12V \pm 20% / POE (802.3at) (optional)
power waste	DC12V: 9W MAX
Working temperature and humidity	-30 $^{\circ}$ C ~ 60 $^{\circ}$ C, humidity less than 95% (no condensation)
Degree of protection	IP66
size	196.5*99*87mm
weight	1100g (including packaging accessories)
Installation method	Wall mounting or hoisting

Outline dimension drawing (mm):

