CCTV-BL-FR22 Face Recognition Camera Specification

Product number	CCTV-BL-FR22
product name	Face Recognition Network Camera
picture	
Motherboard performance	Computing power 1.0Tops, memory: 1GB, flash memory: 8GB EMMC
sensor type	1/3″CMOS
Lens	
lens type	Electric zoom
FOV	(H)97.1° (W) - 32.3° (T) (V)50.6° (W) - 18.2° (T) (D)118.0° (W) - 37.1° (T)
aperture	F1.6
focal length	2.8-12mm
auto focus	Support
Fill light characteristics	
Infrared light	Maximum fill light distance 40 meters
white light	Maximum fill light distance 10 meters
fill light	6
Lighting control	Auto/Manual, Brightness adjustable
Image properties	
Image settings	Brightness, Contrast, Saturation, Sharpness
Minimum illumination	0.001Lux (color mode); 0.001Lux (black and white mode); 0Lux (fill light on)
white balance	automatic / manual
Strong light suppression	Support
BLC	Support
noise reduction	Support 2D/3D digital noise reduction
wide dynamic	real wide dynamic, digital wide dynamic
Signal to noise ratio	≥56db
gain control	Auto/Shutter priority/Gain priority/Manual
Coding characteristics	
video compression standard	H.265、H.264、H.264H、H.264B、MJPEG
Resolution	stream one:2560x1440 1920x1080 1280*720

	Code stream two:　1960*544　704x576　　640*360
Video format	PAL(25fps)/NTSC（30fps）
rate control	CBR/VBR
Default stream at default resolution	4096kbps（2560×1440）
Bit rate adjustment range	Main and auxiliary 30Kbps～16Mbps continuously adjustable
audio compression standard	G.711A, G.711U, G.726, AAC
Audio sample rate	Default 8KHz
Network Features	
Network protocol	HTTP; TCP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; UPnP; NTP
Platform Agreement	Onvif；GB28181；GA/T1400，MQTT
Features	
General Behavior Analysis	-
Alarm function	Sound and light alarm; privacy masking alarm, motion detection alarm, network failure alarm, voice broadcast
Video mode	Manual recording; video event detection recording; timing recording; alarm recording
OSD information overlay	time; channel title; device name; support custom overlay 5 lines
Day and night mode	Day and night, support timing conversion; manual conversion; automatic conversion
privacy mask	Supports 4 locales
mirror	Support 90°/180° image flip
ROI	Support
Smart features	
Detection type	face capture, recognition
Number of detections	Maximum support for simultaneous detection and capture of 32 targets
face detection area	Supports 4 locales
Face Detection	Support face detection; face frame tracking; preferred snapshot; fast snapshot; face deduplication; support face enhancement; partial face exposure;
Detect target pixel	Minimum/maximum pixel 0-2000 range adjustable, default 30-300
face library	Black and white list database, total capacity of white list face database 80,000
Event capacity	100,000 Events

image type	Face map, single-inch photo; panorama
Image Format	JPG
Interface Features	
Network Interface	1 RJ45, 10/100M adaptive Ethernet port, support optional PoE power supply
Power interface	DC12V（-15%～+10%）
Alarm interface	1 in 1 out
audio port	1 channel audio input/1 channel audio output (RCA head), built-in MIC/speaker
SD card interface	Maximum capacity 256GB
RS485	Reserved
reset	software reset, hardware reset
physical properties	
Installation method	wall mount, ceiling mount
Operating Voltage	DC12V（-15%～+10%）/ PoE（802.3af Optional）
Power consumption	<8W
Operating temperature	-30℃-+60℃
Working humidity	0% ～95% RH (no condensation)
Protection class	IP66 lightning protection, surge 4Kv
Product Size	198*105*85mm

1. RJ45
2. AUDIO IN
3. AUDIO OUT
4. Alarm IN / OUT
5. DC 12V IN