Face Recognition Infrared Camera Access control

Feature:

- HiSilicon High algorithm Processor
- Sony 120db WDR sensor
- Max resolution 1920*1080@30fps
- Support H.265/H.264 encoding
- Embedded SenseTime CNN face detection and recognition algorithm
- Face Detection support 12fps/sec,50pcs faces per second
- Support attribute recognition, age, gender, glasses, hat, mask, beard, clothing, hairstyle, mood etc.
- Support face detection,face tracking, scoring, selection,recognition all functions
- Local face database up to 10000pcs
- Support 100000 attendance records storage
- 24H working，face capture normally under infrared
- Support ONVIF，GB28181，http,mqtt standard protocols
- SDK System open, support project integration secondary development

Infor:

2MP face recognition HD IPC, support 1ch audio output, 1ch relay signal output, RTC functions. (standard with power + network + relay output + audio alarm output)

Spec:

Model	N20	
AI Facial Bullet		
Face detection and capture	Install Angle	Up-down no more than 15°
	Minimum pixel	60*60
	Detection sensitivity	Support
	Detection performance	50pcs faces/fps
	Face frame	Support
	Area arming	Support
	Capture mode	Fixed mode
	Capture threshold	Support
	Picture upload	FTP/HTTP/MQTT

comparison	Black and white list	Support
	VIP list	Support
	Face Database	10000
	Comparison efficiency	300ms
	Accuracy	>98.87%
Image Sensor		1/2.8" 2.0M SONY CMOS
Pixels		1920(H)×1080(V)
WDR		Intelligent adaptive
Minimum illumination		0.001lux
Signal to noise ratio		≥50dB(AGC OFF)
Exposure mode		Automatic exposure, BLC

Interface		
Storage interface		Support expanding board, Support SDXC 4.0 standard Micro SD(TF),MAX 128G
Network Interface		10/100M Network adaptation，RJ45 adapter
Alarm interface		1ch relay output

Compression standard		
Video coding		H.265 Main Profil /H.264 High Profil
Resolution	Main stream	1920x1080、1280x960、1280x720
	Sub stream	704*576、640x480、352x288
Video compression code rate		128Kbps～8Mbps (Manually adjustable)，support CBR/VBR
Audio		1ch output
OSD		Support channel name, date and time, position setting

Network protocol		
Network protocol		TCP/IP，PTP，NTP，DHCP，UDP，SMTP，RTSP，DDNS，DNS，HTTP、P2P
ONVIF protocol		ONVIF2.4
GB28181 protocol		support
Mobile remote		Support Android、IOS smart phone

General parameters		
Power		DC 12V 2A
spec		IP66, IR board，face not exposed
Lens		6mm@F1.4
Face Capture distance		4m