FaceScribe Plus

A new generation of face reader with perfect blend of quality, aesthetics and Spectra trust.

FaceScribe Plus

KEY FEATURES

- Real time live face detection
- Human face tracking under low external lighting conditions
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.3s
- 3D noise reduction and fog-passing technology makes the monitoring picture under low illumination more clear and delicate
- Support face intelligent exposure, face smart enhancement settings
- Automatic gain control and automatic white balance
- Support video area partial blocking & support ROI coding
- Support video brightness, contrast, hue, saturation, gamma adjustment

TECHNICAL SPECIFICATIONS

- Builtin Linux operating system for better stability
- Non volatile memory to store 24,000 Face templates and 69,000 time stamped transaction
- Weigand output port for connecting device as reader to any access control panel

  Weigand input port for connecting external card reader
- Rich interface protocol support - TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, NTP, MQTT protocol with AES256 (TLS)
- Rich hardware interface (I/O, WG26, WG34, RJ45, USB, RS485)
- Mask detection with partial facial occlusion recognition does not affect by beards and hairstlyes
- Duplicate check allowed
- Temperature data interface protocol docking

HARDWARE

CPU	Dual Core Processor, 1.5GHz
NPU	Neural processing unit (NPU), 1.2 TOPS
Memory	1GB memory + 8GB flash
Operating system	Linux
Face capacity	24,000 face templates storage
Transaction capacity	69,000 time stamped events storage capacity
Display	8" IPS 800x1280 Display, Brightness 400 cd/m2
Audio	Inbuilt speaker - voice playback
Network interface	10/100 Base-T RJ45 adaptive ethernet port
Wiegand interface	1 Input port and 1 output port, 26 bit, 34 bit
Communication interface	1 RS485 interface port
Interface protocol	UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, MQTT
Digital output	1 way switch relay output
MTBF	> 50,000 hours
Supply requirement	Regulated 12V DC/2A
Power	20 Wattage Maximum
Enclosure	IP66 rated waterproof housing
GSM (optional)	4G/LTE, DC-HSPA+, WCDMA, EDGE
RFID	13. 56MHz, Mifare, DESFire. 125KHz EM card
Operating temperature	-30°C to +60°C
Humidity	0 ~ 90% relative humidity, non condensing
Weight	1.7 kg
Dimensions (CM)	H 24 x W 13.3 x D 2.2
QR Code Reader	Yes (optional)
WiFi	2.4GHz WiFi, integrated IEEE 802.11b/g/n baseband and RF circuit

TEMPERATURE MEASUREMENTS

Measurement range	16°C- 40°C(Indoor without wind)
Measurement accuracy	±0.3°C
Temperature resolution	0.1°C
Measurement distance	≤40cm
Measurement response time	300ms

CAMERA SPECIFICATION

Camera	Dual cameras
Sensor	1/2.8" Progressive Scan CMOS
Effective pixels	2MP, 1920*1080
Lens	4.32mm
SNR	≥50db (AGC OFF)
WDR	120db
Viewing angle	Vertical :30°; Horizontal :30°
Video coding	H.265 Main Profile/ H.264 BP/MP/HP/MJPEG
Resolution(Main stream)	50Hz: 25fps (1920×1080,1280×720 60Hz: 30fps (1920×1080,1280×720)v
Resolution (Sub stream)	720*576, 1-25(30)fps/640*480, 1-25(30)fps | 320*240, 1-25(30) fps

FACE MATCHING SPECIFICATION

Recognition height	1.2 - 2.3 meters, angle adjustable
Recognition distance	0.3 - 1.5 meters
Recognition time	Less than 0.3 seconds
Illumination	Min. Color 0.01Lux @F1.2(ICR) B/W 0.001Lux @F1.2 (ICR) Max. 26000 Lux
Live detection	Yes
Mask detection	Yes
Infra red light source	Yes
White light source	Yes
FAR	<0.001%
FRR	<0.01%

Ordering Codes

	FaceScribe Plus	FaceScribe Plus (QMP)	FaceScribe Plus (QMG)	FaceScribe Plus (QMGT)
MiFare	Yes	Yes	Yes	Yes
Proximity	-	Yes	-	-
QR Code	-	Yes	Yes	Yes
GSM	-	-	Yes	Yes
Temperature	-	-	-	Yes
Wi-Fi	Yes	-	Yes	Yes

Optional Accessory : FaceScribe Column Mounting Bracket (Aperture 36 mm)
Technical specifications may be changed from time to time without any prior notice due to continuous enhancements in the product.

Head Office

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