



FaceScribe TE

Radically advanced and most sophisticated Spectra face reader, innovation at its best.

KEY FEATURES

- ▶ Real time live face detection
- ▶ Human body temp. measurement and high temp. alarm
- ▶ face tracking under low external lighting conditions
- ▶ Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.5s
- ▶ 3D noise reduction and fog-passing technology makes the monitoring picture under low illumination more clear and delicate
- ▶ Face intelligent exposure, face smart enhancement
- ▶ Automatic gain control and automatic white balance
- ▶ Video area partial blocking & support ROI coding
- ▶ Video brightness, contrast, hue, saturation, gamma adjustment

- ▶ Large sized appealing 8 inches IPS HD Display
- ▶ Temperature data interface protocol docking
- ▶ Builtin Linux operating system for better stability
- ▶ Non volatile memory to store 30000 Face templates and 80000 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, DDNS, DHCP, MQTT protocol
- ▶ Rich hardware interface - I/O, WG26, WG34, RJ45, USB, RS485

CAMERA SPECIFICATION

Camera	Dual cameras
Sensor	1/2.8" Progressive Scan CMOS
Effective pixels	2MP, 1920*1080
Lens	6mm
SNR	≥50db (AGC OFF)
WDR	120db, ISP algorithm face partial exposure
Viewing angle	Vertical angle: 30°; Horizontal angle: 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)
Resolution (Sub stream)	720*576, 1-25(30)fps/640*480, 1-25(30)fps 320*240, 1-25(30)fps

HARDWARE

CPU	Dual Core Processor
Memory	1GB memory + 16GB flash
Operating system	Linux
Face capacity	30,000 face templates storage
Transaction capacity	80,000 time stamped events storage capacity
Display	8 inches IPS HD 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	1 RS485 interface port
USB interface	1 USB interface port
Interface protocol	UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, MQTT protocol
Digital output	1 way switch relay output
MTBF	> 50,000 hours
Supply requirement	Regulated 12V DC/2A
Power	20 Wattage Maximum
Enclosure	IP42 rated housing
Salt spray	Level RP6 or above
Antistatic	Contact ±6KV, air ±8KV
Operating temp.	-30°C to +60°C
Humidity	0 - 90% relative humidity, non condensing
Weight	1.7 kg
Dimensions (mm)	H 272 x W 136 x D 34

FACE MATCHING SPECIFICATION

Recognition height	1.2 - 2.2 meters, angle adjustable		
Recognition distance	0.5 - 1.5 meters		
Recognition time	Less than 0.5 seconds		
Min. illumination	Color 0.01Lux @F1.2(ICR)		
	B/W 0.001Lux @F1.2 (ICR)		
Live detection	Yes	Infra red light source	Yes
Mask detection	Yes	White light source	Yes

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

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.



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