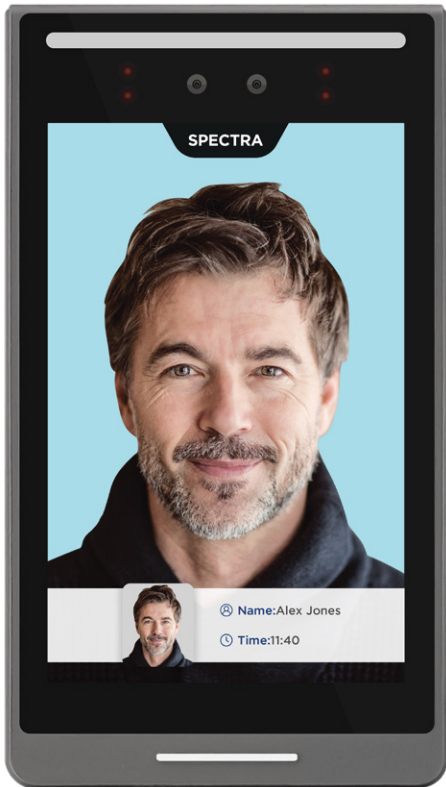




FaceScribe Plus



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 hairstyles

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)

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)√
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 (HG)
MiFare	Yes	Yes	Yes	Yes
Proximity	-	Yes	-	Yes
QR Code	-	Yes	Yes	-
GSM	-	-	Yes	Yes
HID Proximity™	-	-	-	Yes
HID iCLASS*	-	-	-	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.

***Disclaimer:** HID* Proximity™, HID* iCLASS* are trademarks or registered trademarks of HID Global Corporation. All trademarks, logos, and brand names are the property of their respective owners and are used here solely to indicate the use of genuine embedded modules for compatibility purposes.



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