TD-E2127

TD-E2127

Face Recognition & Access Control Terminal



- 7 inch LCD screen
- Max. resolution: 2MP (1920×1080)
- Face liveness detection technology distinguishing real faces from non-real face spoof attacks
- Highly accurate face recognition using deep learning algorithm
- Stand-alone device, ready for networking
- Supports multiple door opening modes (face recognition, swiping card, etc.)
- Intelligent Analysis: video exception detection, face detection, face capture, face match, etc.

Shenzhen TVT Digital Technology Co., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay Eco-Technology Park, Nanshan District, Shenzhen, Guangdong Province, P.R. China

Tel: +86-755-36995888 Website: http://en.tvt.net.cn

Fax: +86-755-33104777 E-mail: overseas@tvt.net.cn

TD-E2127

Specifications

Model	TD-E2127-IC
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Image Size	1920×1080
Electronic Shutter	1/2s ~ 1/100000s
IRIS Type	Fixed IRIS
MIN. Illumination	0 lux
Lens	2MP dual lens; f=4.3mm @F1.6 Vertical horizontal field of view: approx. 87°， horizontal field of view: approx. 44°
Lens Mount	M12
WDR	72dB
BLC	Yes
HLC	Yes
Defog	Yes
DNR	2D/3D NR
Image	
Video Compression	H.265+/H.265/ H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Bit rate Type	VBR/CBR
Bit Rate	64Kbps ~ 6Mbps
Resolution	1080P(1920×1080), 720P(1280×720), D1
Main Stream	60Hz: 1920×1080/1280×720 (1~30fps); 50Hz: 1920×1080/1280×720 (1~25fps)
Sub Stream	60Hz: 720P/D1 (1~30fps); 50Hz: 720P/D1 (1~25fps)
Third Stream	60Hz: D1 (1~30fps); 50Hz: D1 (1~25fps)
Image Setting	Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser
Audio Compression	G711A/U
Screen	
6.97 inch Screen	Resolution: 600 (RGB)×1024
Brightness	280cd/m^2
Card	
Card Type	Mifare card /Desfire card/FM1208 Card/Gicard
Card Reading Protocol	ISO14443A/B
Card Reading Frequency	13.56MHz
Card Reading Duration	<1s
Card Reading Distance	0~3cm
Interfaces	
Network	100M RJ45
Audio	Built-in MIC×1, built-in speaker×1
Door Lock Output	1CH
Exit Button	1 CH
Door Contact Input	1 CH
Anti-Tamper Interface	1 CH
Reset Button	1
Alarm	1CH alarm input; 1CH alarm output

TD-E2127

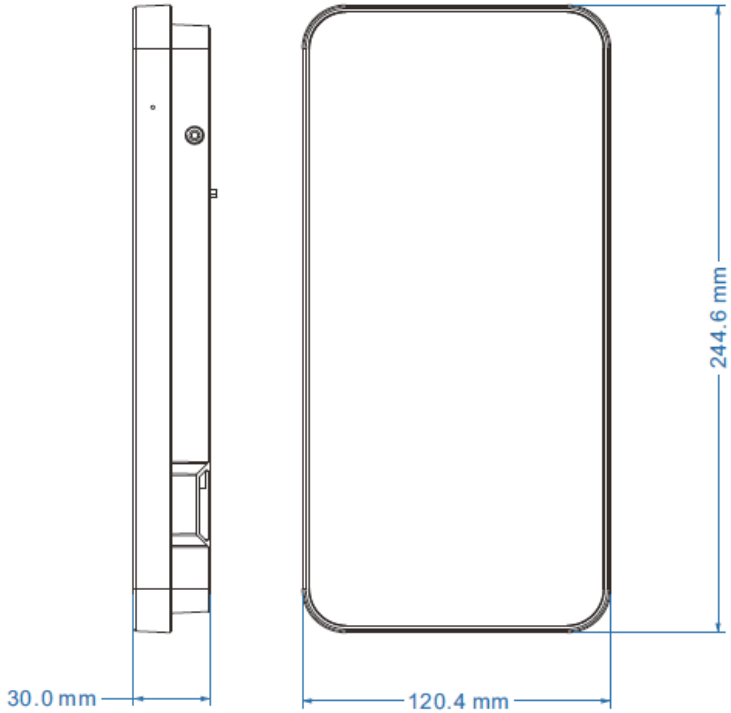
Wiegand Interface	Yes (Wiegand input or output configurable)
Function	
Remote Monitoring	IE browser/CMS remote control
Online Connection	Supports simultaneous monitoring for up to 4 users Supports multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, UPnP, HTTPS, HTTP
Interface Protocol	ONVIF
Storage	Network remote storage
Smart Alarm	IP address conflict, cable disconnection
Intelligent Analytics	Liveness Detection, face detection, face capture, face match, scene change detection, video blur detection, video cast detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login, image distortion correction
White Light Distance	0.3-1m soft light
IR Light Distance	0.3-2m
Face	
Height Range of Face Recognition	1.2m-2.2m (the recommended installation height is 1.45m, based on the tester's height of 170cm)
Face Recognition Distance	0.3m-1.5m (the recommended face recognition distance is from 0.5m to 1m)
Face Detection	Pupil distance of a facial image over 20 pixel can be detected
Face Capture	Outputting the optimal face image by precise detecting, tracing, capturing, scoring and screening the moving faces
Original Image Capturing	Supports original image capturing and self-defined overlaid information (like device ID, time, etc.)
Face Picture Database	10,000
Face Comparison Storage	30,000
Database Management	Face pictures can be added, modified or deleted in the face database.
Face Picture Adding	Adding face pictures through WEB and face album manager tool
Face Comparison Alarm	Face detection alarm, allow list, block list and stranger alarm
Intelligent Light Compensation	Built-in high efficient white light LEDs
Others	
Power	DC12V/1A
Power Consumption	< 12W
Environmental Protection	RoHS 2.0, REACH, WEEE, directive94/62/EC
Working Environment	-20℃~50℃, Humidity: less than 95% (non-condensing)
Dimensions(mm)	244.6×120.4×30
Weight (net)	Approx. 520g
Installation	Wall mounting; Standing on desktop; Pole mounting, etc.

Available Model

Available Model	TD-E2127-IC	Face Recognition & Access Control Terminal

TD-E2127

Unit（mm)）



Accessories

Optional:



TD-YZJ1002A

Pole Mount



TD- YZJ1003B

Desktop Mount



TD-YZJ1005

Floor-Standing Mount