TD-E2228

TD-E2228-IC/TP

Face Recognition & Access Control Terminal

- 8 inch touch 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 (card, card + password, card + face recognition, etc.)

- Built-in IC card reader

- Intelligent Analysis: video exception detection, face detection, face capture, face match, etc.

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TD-E2228

Specifications

Model	TD-E2228-IC/TP
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=3.97mm @F1.6 Vertical horizontal field of view: approx. 87°，horizontal field of view: approx. 44°
Lens Mount	M12
WDR	120dB
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, CIF, 480 ×240
Main Stream	60Hz: 1920×1080/1280×720(1~30fps); 50Hz:1920×1080/1280×720(1~25fps)
Sub Stream	60Hz: 720P/D1/CIF(1~30fps); 50Hz: 720P/D1/CIF(1~25fps)
Third Stream	60Hz: D1 /CIF /480 ×240 (1~30fps); 50Hz: D1/CIF /480 ×240 (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	
8 inch Screen	Resolution: 800 (RGB) × 1280
Brightness	300cd/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	0~2cm
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

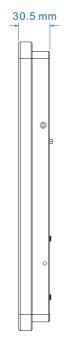| Alarm	2CH alarm input; 2CH alarm output
USB	Yes
Storage	1CH built-in micro SD card slot, up to 256G
RS485	Yes
Wiegand Interface	Yes (Wiegand input or output configurable)
Function	
Remote Monitoring	IE browser/CMS remote control
Online Connection	Supports simultaneous monitoring for up to 10 users 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, mask 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	0.3-1.5m soft light
IR Light Distance	0.3-2m
Ingress Protection	IP66
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	50,000
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 face recognition terminal, WEB, face album manager tool, USB storage device import
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)	285.8×138.6×30.5
Weight (net)	Approx. 1.174 kg
Installation	Wall mounting; Standing on desktop; Pole mounting, etc.

Available Model

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Dimensions

Unit（mm））

138.6 mm

30.5 mm

285.8 mm

Accessories

Optional:

TD-YZJ1002A

Pole Mount

TD- YZJ1003B

Desktop Mount

TD-YZJ1005

Floor-Standing Mount