



- 3.5 inch LCD 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
- Communication via wired network (TCP/TP) and Wi-Fi
- Supports multiple door opening modes (card, card + password, card + face recognition, etc.)
- Intelligent Analysis: video exception detection, face detection, face capture, face match, etc.



### **Specifications**

Model	TD-E2123-IC/PE/TP/WF		
Camera			
Image Sensor	1/2.8" Progressive Scan CMOS		
Image Size	1920×1080		
Electronic Shutter	1s ~ 1/100000s		
IRIS Type	Fixed IRIS		
MIN. Illumination	0 lux		
Lens	2MP dual lens; f=3.6mm @F2.4 Vertical horizontal field of view: approx. 65°, horizontal field of view: approx. 50°		
Lens Mount	M12		
WDR	74dB		
BLC	Yes		
HLC	Yes		
Defog	Yes		
DNR	2D/3D NR		
Image			
Video Compression	H.265/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	50Hz/60Hz: 1920×1080/1280×720 (1~15fps)		
Sub Stream	50Hz/60Hz: 720P/D1/480×240 (1~15fps)		
Third Stream	50Hz/60Hz: D1/480×240 (1~15fps)		
Image Setting	Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser		
Audio Compression	G711A/U		
Screen			
3.5 inch Touch Screen	Resolution: 320 × (RGB)v 480		
Brightness	250cd/m <sup>2</sup>		
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		



Wiegand Interface	Yes (Wiegand input or output configurable)		
WiFi	Supports 2.4G WiFi function		
Function			
Remote Monitoring	Web client/CMS remote control		
Online Connection	Supports simultaneous monitoring for up to 3 users Supports multi-stream real time transmission		
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTPS, HTTP		
Interface Protocol	ONVIF、GB-T/28181-2016		
Storage	Network remote storage		
Smart Alarm	Motion detection		
Intelligent Analytics	Face detection, face capture, face match, scene change detection, video blur detection, video color cast detection		
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login, image distortion correction		
РоЕ	Yes (802.3af)		
Whit Light Distance	0.3-0.5m soft light		
IR Light Distance	0.3-1m		
Face			
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	3000		
Face Comparison Storage	10,000		
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		
External Face Picture Enrollment	Size: less than 70KB, Format: JPG/JPEG		
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°C~50°C, Humidity: less than 95% (non-condensing)		
Dimensions(mm)	118mm×114mm×25.1mm		
Weight (net)	Approx. 300g		
Installation	Wall mounting; Standing on desktop		

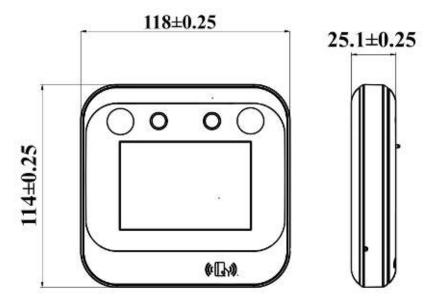
#### Available Model

Available Model	TD-E2123-IC/PE/TP/WF	Face Recognition & Access Control Terminal
-----------------	----------------------	--



#### **Dimensions**

Unit (mm))



#### Accessories

**Optional:** 



Desktop Mount