

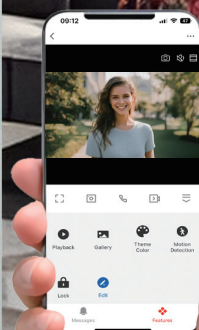
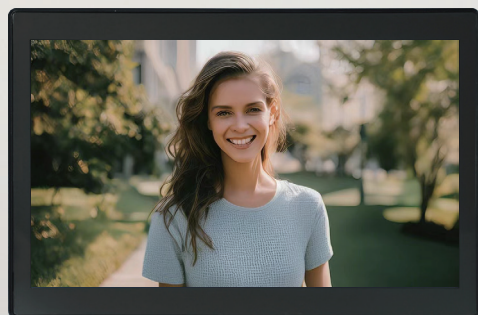
TD-D4R85M

— 2-Wire IP Video Intercom Kit —

Powered by

tuya

Intelligence
Inside



Product Functions



Call



Photo



Video



Monitor



IC Card
Unlock



Visitor
Record



Pedestrian
Detection



Infrared
Fill Light



Phone APP



2min Call
Duration



Alarm
Message



Video
Playback

Product Features

- Large Screen Display: Features a 10.1" IPS touch screen with a resolution of 1024x600.
- Advanced Communication: Supports intercom, photo capture, video recording, remote unlocking, and visitor record.
- Enhanced Features: Incorporates pedestrian detection, calendar display, and adjustment options for brightness, contrast, and color.
- Secure Lock Control: Offers compatibility with magnetic locks and electric locks, complete with locking delay time settings.
- Connectivity and App Integration: Connects through 2.4G WiFi and seamlessly integrates with the Tuya APP.
- IC Card Unlocking: Provides the convenience of IC card unlocking.

Product Specifications

Whole Unit	
Adapter	input: AC100-240V 50/60Hz, output: DC18V 2A
Distance (Between Indoor Monitor and Outdoor Station)	0~50m (RVV2*0.5mm², 18V voltage) 0~200m (RVV2*0.5mm², 24V voltage)
Distance (Between Outdoor Station and Door Lock)	0~50m (RVV2*0.5mm²)
Wiring	2-wire connection (No polarity)
Working Temperature	-20°C~70°C
Working Relative Humidity	10%~70%
Call Duration	2 minutes
2-Way Audio	Support
Tuya APP	20 users capacity, supports functions including: call, photo, video, monitor, unlock, cloud storage, alarm message, video playback
Indoor Monitor	
Dimensions	245x158vx22mm
Display	10.1" IPS touch screen
Screen Resolution	1024*600
OS	Embedded Linux
Random Access Memory	128M
Flash	16M
Material	engineering ABS plastic and tempered glass
Power Consumption	static state <3.5W, working state <5.5W
Working Voltage	DC 12~24V
Network	2.4G WiFi
Installation	wall-mounted
Functions	call, photo, video, monitor, unlock, visitor record, pedestrian detection, calendar display, adjust brightness & contrast & color & volumn, lock delay adjustment, multi-language OSD menu
External TF Card	max 512GB storage, automatically save photo and video
Photo Storage Capacity	1000

Outdoor Station

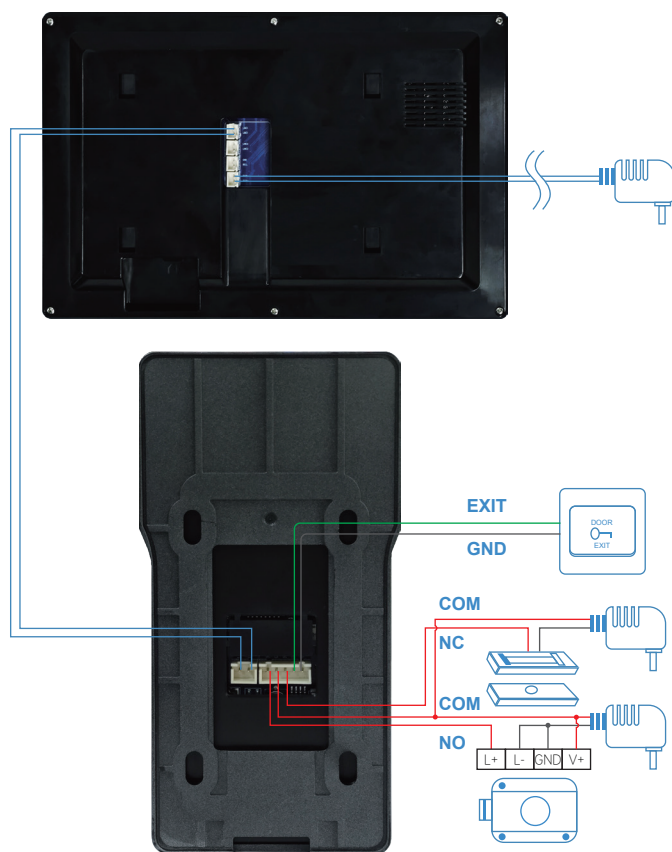
Dimensions	146x75x37mm
Material	luxurious pure aluminum and tempered glass + engineering ABS plastic
Camera	2 million pixels/1080P
Horizontal View Angle	110°
Night Vision	IR CUT switch, high color precision, black and white image
Fill Light	850nm (6 Infrared LED)
Door Lock Control	connectable to magnetic lock and electronic lock, indoor monitor features lock delay time setting
Smart Motion Detection	photo and video
IC Card Unlock	support, 13.56Mhz RFID badge reading zone
Power Consumption	static state <1W, working state <4W
Installation	wall-mounted
IP Rating	IP65
Card User Support	1000

Product Size & Components

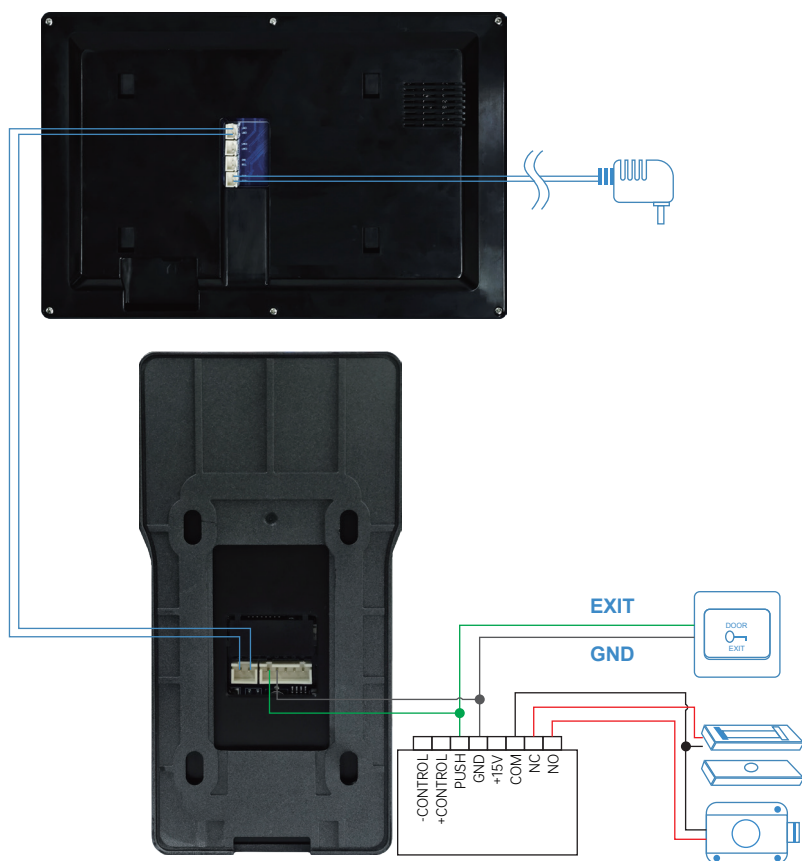


Wiring Diagram (2-Wire Connection)

Standard Connection Diagram



Access Control Power Connection Diagram



1 Set Outdoor Station to 1 Set Indoor Monitor

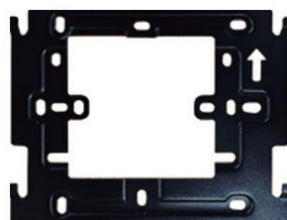
Packing List



Outdoor Station



Indoor Monitor



Bracket for indoor monitor



IC cards



Screws & anchors



Transfer cables



Power adapter



User manual

