

T-OS07 2.8" Outdoor Station for 2-Wire Intercom System

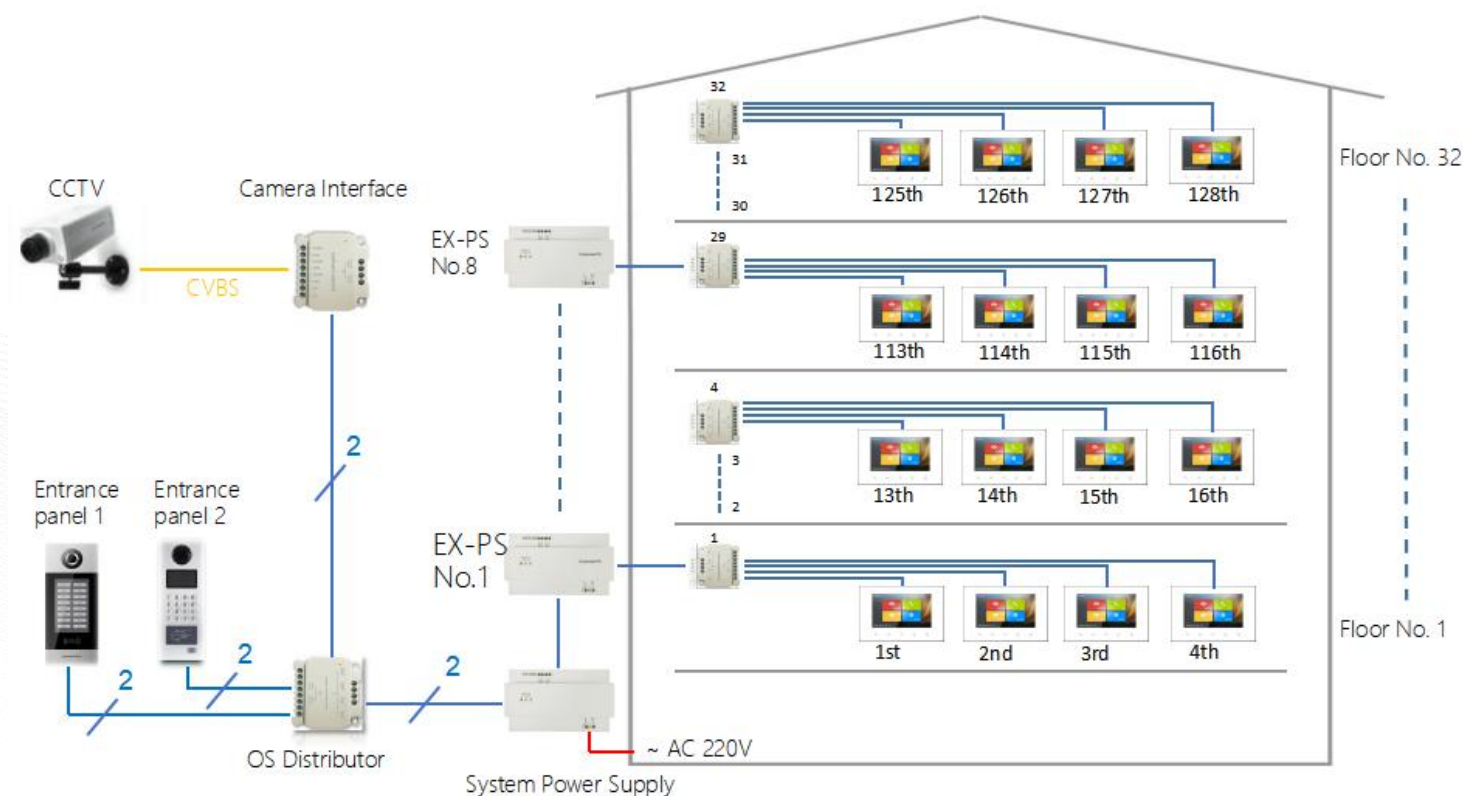
Key Characteristics

Basic Function

- Support video intercom and unlocking
- Support real-time monitoring
- Door status detection, and unlock state timeout alarm
- Support IC card
- Support Wiegand output
- Support connecting external camera
- Support call by name list & call by apartment No.



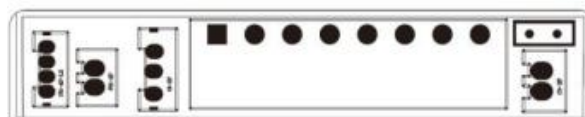
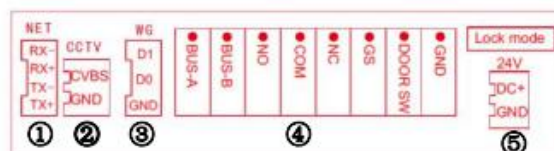
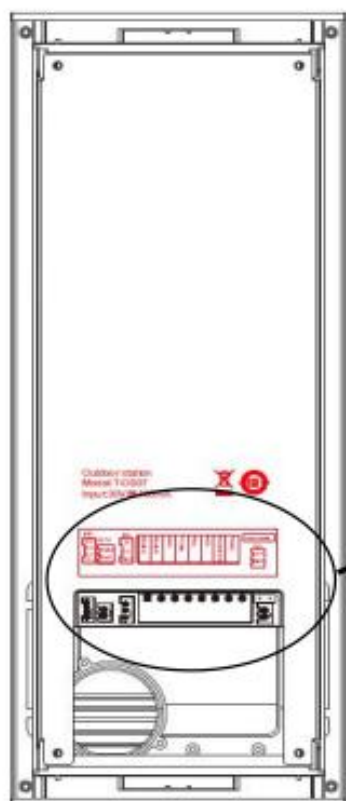
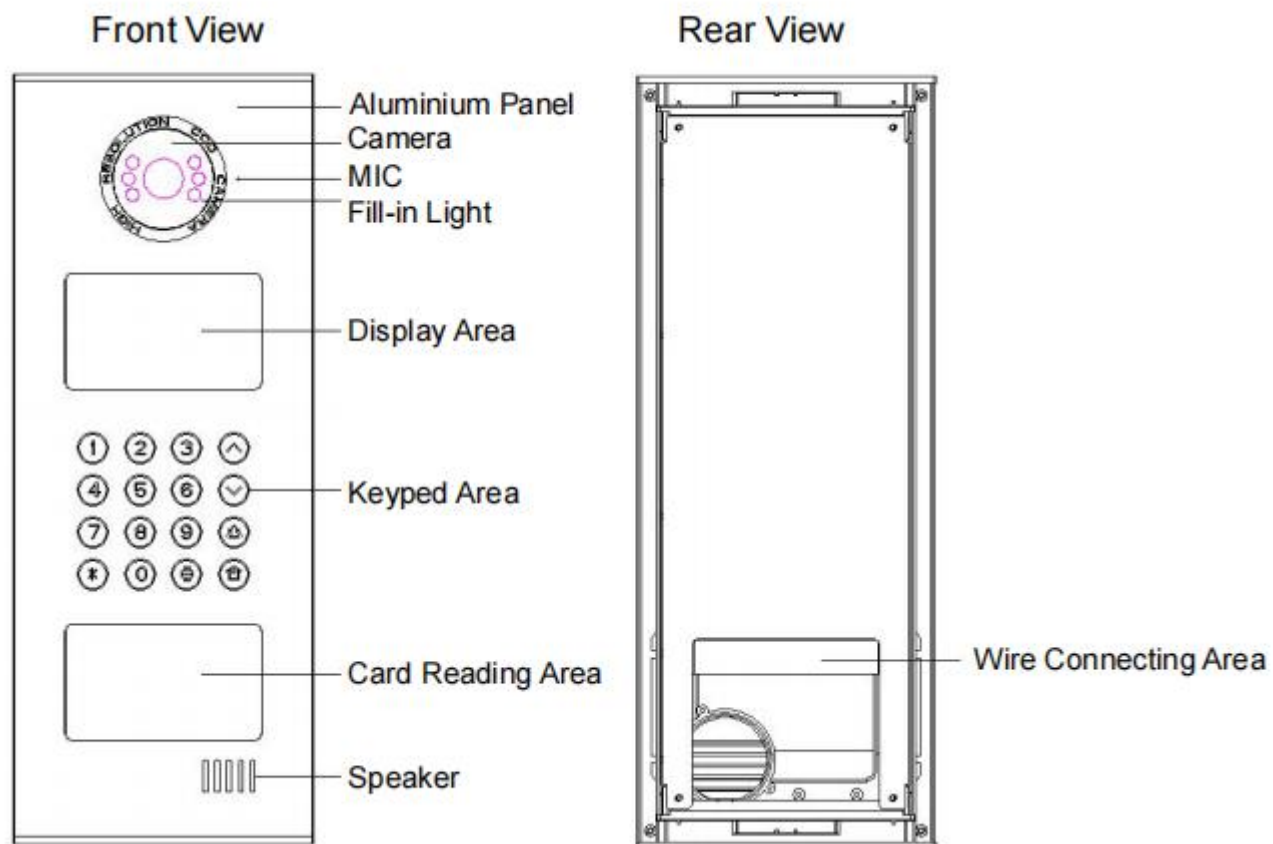
Typical Topology



Specifications

Model		T-OS07	
System Parameters	Processor	High-Performance Embedded SOC Processor	
	Operation system	Analog Operation System	
Video Parameters	Camera	CMOS 0.3MP HD Colorful Camera	
	Video compression standard	MJPEG	
	Resolution	640*480	
	Video frame rate	25 fps	
Audio Parameters	Audio input	Built-in Omnidirectional Microphone	
	Audio output	Built-in Loudspeaker	
	Audio compression standard	G.711 U	
	Audio compression rate	64 Kbps	
	Audio quality	Noise Suppression and Echo Cancellation	
Access Control Parameters	Internal card reader	Built-in IC Card Reader	
	Exit button	Exit Button for Opening the Door	
	Door magnetic detection	Detects Door Magnetic Status	
Light Supplement	Light supplement mode	IR Supplement	Visible Light Supplement
Network Parameters	Date interface	BUS A/ BUS B	
	Network protocol	2 wire analog protocol	
Alarm Parameters	Alarm input	Door Magnetic Alarm, Tampering Alarm	
Device Interfaces	Network interface	Software upgrading	
	Address setting	Software programming	
	I/O input	CVBS camera input	
	I/O output	Door lock, Door status detection, Weigand	
	Material	Aluminum-Alloy	
	Power supply	24 V System Power Supply	
	Power consumption	≤12 W	
	Working temperature	-40° C to +70° C (-40° F to 158° F)	
	Working humidity	10% to 90%	
	IP protection level	IP54	
	Dimensions (L × W × H)	324×128×46mm	
	Certification	CE, ROHS	

Appearance and Interfaces



- ① Network (Update) interface:(1: TX+, 2:TX-, 3:RX+, 4:RX-);
- ② External camera input;
- ③ Wiegand output;
- ④ BUS-A, BUS-B: 2-Wire BUS interface;
NO, COM, NC: Normally open pin, Common pin, Normally closed in;
GS:Door status detection;
Door SW: Door unlocking switch;
GND: Common ground;
- ⑤ External DC 24V power supply interface