FE-TERM-7W3

The Freund FE-TERM-7W3 is an indoor station with 7-inch color touch screen and rich interfaces. It is mainly used in residential area, villa, office building and other places for receiving calling and communicating through the door phone and achieving remote door-opening. It provides more reliable security assurance and the easier access control for the users, creating a safe and comfortable living environment.

At a first glance

- Stylish and simple outlook which matches with different decorative styles
- 7" Capacitive colour touch screen
- HD Voice speech quality with built-in 2W Speaker and Acoustic Echo Cancellation
- Built-in 2.4G Wi-Fi
- Possess 8 Alarm Inputs and 1 RS485 Interface
- View the authorized camera image over the video door phone
- Rich Interface to meet the needs in different application scenarios
- Support Online Management and Upgrade
- 6 SIP Lines

Specification

PHYSICAL

Total Consumption	Up to 4.8 W (PoE), Up to 4.1 (External PSU)
Dimensions	176 x 104 x 26.5 mm (W x H x D)
Body Material	Plastic
Working Temperature	0°C to 45°C
Humidity	10% to 90%
Power Requirement	12V/1A DC
Function Keys	5x (Management Center, Monitor, Unlock, Return/Hang up, Answer)

TOUCH SCREEN DISPLAY

Display size	7"
Screen	Capacitive Touch Screen
Aspect Ratio	5:3
Resolution	800x480

INTERFACE

Ports	1x RS 485; 1x RJ 45
Alarm	8x Alarm Input Interface

VIDEO

Streaming Format	H.264
Video Call Resolution	QVGA/CIF/VGA/4CIF/720p/1080p

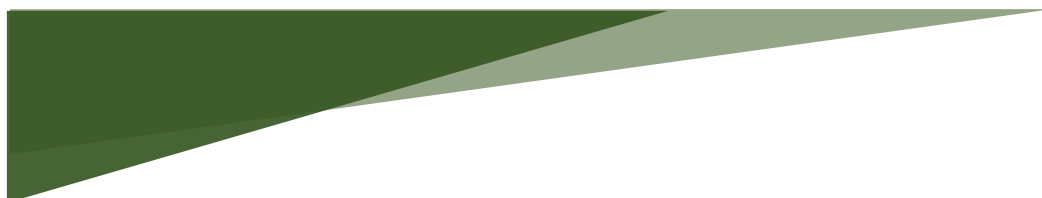### SIP ENDPOINT

SIP v1(RFC2543), SIP v2(RFC3261)

AUDIO

Wideband ADC/DAC 16KHz Sampling	
Narrowband Codec	G.711A/U, G.729AB, iLBC
Wideband Codec	G.722 Opus
Full-duplex hands-free speakerphone with AEC	
Voice Activity Detection (VAD)/Comfort Noise Generator (CN1G)/Background Noise Estimation (BNE)/Noise Reduction	
Packet Loss Concealment (PLC), Dynamic Adaptive Jitter Buffer, Voice Quality Monitoring (VQM)	
DTMF In-band, Out-of-band DTMF (RFC2833),	

NETWORKING

Ports	1x RJ45 10/100Mbps Ethernet port
IP Mode	IPv4/IPv6/ IPv4 & IPv6
Protocol Support	IPv4, IPv6, RTP, RTCP, SRTP, STUN, DHCP, PPPoE, L2TP, OpenVPN, SNTP, FTP, TFTP, HTTP, HTTPS, TR-069
Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069	

APPLICATION SCENARIOS

Villas
Apartment complexes
Home automation systems

Freund Elektronik A/S, in cooperation with our sister company Freund Elektronika D.O.O. Sarajevo, is developing an IP-Based Intercoms, Audio Systems, Access Control and Smart Home solutions.

As a developer, manufacturer, and reseller, we have been self-improving and perfecting ourselves for over 30 years.

In the industry, we negotiate the most advanced and innovative solutions regarding the building communication. Our daily focus is on the development and user friendliness of our high quality and pleasantly designed products.

As a developer and manufacturer of our own IP-INTEGRA system, we have made a top-of-the-line products for Door Telephony, Public Audio, and Access Control solution.

Our development department, together with our partners, has created elegant and robust door phones, SIP-Centrals, Terminals, IP-Speakers, ACC Controllers, and applications with intelligent features using the most advanced technologies when available, and creating new technologies when they are not while keeping it simple for our customers.