

## FE-IPDS-29S

The security that comes with being able to control who comes into your building along with the ability to confirm their identity verbally and visually is immeasurable.

Freund's smart IP Video Intercom FE-IPDS-29S enables you to easily monitor an entrance door or gate and gives you the peace of mind knowing that your facility is more secure.



### *At a first glance*

- Enables audio and visual monitoring of doors/gates which increases security on residential or commercial premises
- Uses the latest H.264 video and G.722 audio codec to provide you with the highest quality video image and audio clarity
- Allows both audio and video communication to an IP phone, mobile client, or softphone
- Enables the ability to remotely control the door/gate
- Presents information and user navigation options unique to your business
- Eliminates the need for personnel to be physically stationed at the door/gate which improves productivity and frees them up to work on other things
- Faster response time to visitors, delivery and service personnel that require access

## Specification

### PHYSICAL AND POWER

Power consumption	6 W
Size	324 x 130 x 27 mm (H x W x D)
Material	Aluminium
RAM/ROM	2GB/16GB
Display	7" IPS LCD
Screen	Capacitive touch screen
Camera	3 MP, auto-lighting
Relay in/out	3/3
Protocols	Weigand and RS485
Installation	On-wall/In-wall
IP Protection	IP65(water and dust proof)

### SIP ENDPOINT

SIP v1(RFC2543), SIP v2(RFC3261)	
Audio codecs	G.711a, G.711 $\mu$ , G.722
Video codecs	H.263, H.264
Echo cancellation, voice activation detection, comfort noise generator	

### VIDEO

Resolution	Up to 1080p
Maximum image transfer rate	1080p-30fps
Lighting	High intensity LEDs for picture lighting during dark hours

### NETWORKING

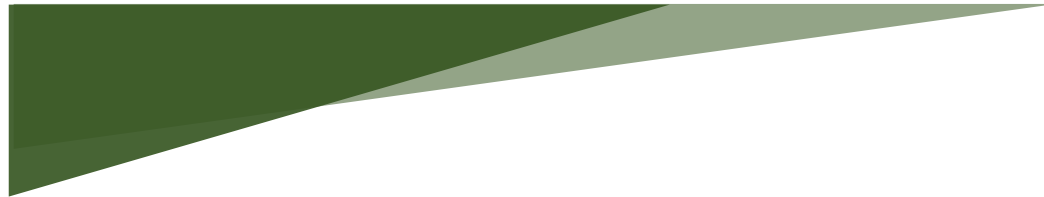
10/100Mbps ethernet connection  
 DHCP Client or Static IP  
 Network Time-Protocol

### DOOR ENTRY FEATURE

Android OS for any 3<sup>rd</sup> party software or customization  
 Internal DPDT relay for controlling a door opener  
 Relays controlled individually by DTMF tones or messages  
 Multi-way unlocking: IC Card and Number code  
 G-sensor for self-defence alarm; Volume control for speaker; Gain control for microphone  
 Camera permanently operational, not just during calls  
 White balance: auto; Viewing angle: 120°  
 Auto-night mode with LED illumination  
 Minimum illumination: 1LUX (without LED illumination)  
 Max call length setting

### APPLICATION SCENARIOS

Office door phone with on-site or hosted IP-PBX  
 Remote site entry over Internet  
 Apartment/flat intercom with door access control  
 Business information or a welcome experience for guest



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.

