

FE-IPDS-28A

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-28A 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

- Vandal resistant body, with a flush button
- Wide-angle camera: 116° (H), 60°(V)
- PoE (IEEE802.3af, Power-over-Ethernet)
- Two-way audio communication over IP networks with Echo Cancellation feature
- Complies with ONVIF standard for easy integration with any network surveillance system
- Complies with SIP standard for easy integration in every SIP capable PBXes

Specification			
POWER CONSUMPTION			
Power mode	Standby	Full load	Ful load + 0.4A output
PoE	3.9 W	6.3 W	11.8 W
Adapter	2.6 W	4.8 W	9.6 W
PHYSICAL			
Material	Aluminium		
Display	4.3" TFT LCD		
Camera	2 MP, auto-lighting		
Protocols	Weigand and RS485		
Installation	On-wall/In-wall		
IP Protection	IP65(water and dust proof)		
Infrared	Yes		
Light sensor	Yes		
RF Card Reader	13.56 MHz, 125 kHz		
Microphone	-40dB		
Speaker	8Ω/2W		
Ethernet port	RJ45, 10/100Mbps adaptive		
On-wall dimensions	280 x 130 x 68 mm		
In-wall dimensions	280 x 130 x 38 mm		
Working humidity	10% to 90 %		
Working temperature	-40°C to 55°C		
Storage temperature	-40°C to 70°C		
Power supply	12V DC connector (if not using PoE), 12V 400mA power out for lock (only for 12V DC)		
Additional information	Numeric keypad with extra buttons, 802.3af PoE		
SIP ENDPOINT			
SIP v1(RFC2543), SIP v2(RFC3261)			
Audio codecs	G.711a, G.711μ, G.722		
Video codecs	H.264, H.265		

VIDEO	
Sensor	1/2.7", CMOS
Pixels	CIF, QCIF, VGA, 4CIF, 720p, 1080p
Video codec	H.264, H.265
Video resolution	Up to 1080p
Maximum image transfer rate	1080p-30fps
Viewing angle	116°, 60° (H,V)
Lighting	High intensity IR LEDs for picture lighting during dark hours with internal light sensor, compatible with 3 rd party components
AUDIO	
SIP Version	SIP v1 (RFC2543), SIP v2 (RFC3261)
Narrowband audio codec	G.711a, G711μ, G.729
Broadband audio codec	G.722
DTMF	In-band, out-of-band DTMF(RFC2833)
Echo cancelation, voice activation detection, comfort noise generator	
NETWORKING	
Protocol support	IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP
DOOR ENTRY FEATURE	
White balance	Auto
Minimum illumination	1 LUX
Additional information	Relays controlled individually by DTMF tones, camera permanently operational, auto-night mode with LED illumination
APPLICATION SCENARIOS	
Office door phone with on-site or hosted IP-PBX	
Remote site entry over Internet	
Apartment/flat intercom with door access control	
DEPLOYMENT AND MAINTANACE	
Auto-provisioning	
Web Management Portal	
Web-based Packet Dump	
Configuration Backup / Restore	
Entry Log Export	
Access Table Export/Import	
Firmware Upgrade	
System Logs (Include Door Access Logs)	



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.

