

# FE-IPDS-28A – PRODUCT DATASHEET

PERFECT INTERCOM CHOICE FOR DAILY LIFE

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

TECHNICAL SPECIFICATION			
PHYSICAL AND POWER			
Power mode	Standby power consumption (W)	Full load power consumption (W)	Full load power consumption (W)+0.4A output
PoE	3.87273	6.2625	11.75734
Adapter	2.52	4.8	9.6
Body material	All-aluminum		
Camera	2Mp, automatic lightning		
Display	4.3", color TFT LCD		
Light sensor	Support		
Infrared sensor	Support		
Wiegand port	Support		
RS485 port	Support		

RF card reader	13.56MHz, 125kHz
Relay in/out	3/3
Microphone	-40dB
Speaker	8Ω / 2W
Ethernet port	RJ45, 10/100Mbps adaptive
Water-proof and dust-proof	IP65
Installation	Flush-mounted and Wall-mounted
Flush-mounted dimensions	280 x 130 x 68 mm
Wall-mounted dimensions	280 x 130 x 38 mm
Working humidity	10~90%
Working temperature	-40°C ~ 55°C
Storage temperature	-40°C ~ 70°C
Power supply	12V DC connector (if not using PoE), 12V 400mA power out for lock (only when 12V DC)
Additional information	Numeric keypad with extra buttons, 802.3af Power-over-Ethernet
<b>AUDIO</b>	
SIP version	SIP v1 (RFC2543), SIP v2 (RFC3261)
Narrowband audio codec	G.711a, G.711μ, G.729
Broadband audio codec	G.722
DTMF	In-band, out-of-band DTMF (RFC2833)
Additional information	Echo cancelation, voice activation detection, comfort noise generator
<b>VIDEO</b>	
Sensor	1/2.7", CMOS
Pixels	CIF, QCIF, VGA, 4CIF, 720p, 1080p
Video codec	H.264, H.265
Video resolution	Up to 1920x1080
Max image transfer rate	1080p-30fps
Viewing angle	116° (H), 60° (V)
Additional information	High intensity IR LEDs for picture lighting during dark hours with internal light sensor, Compatible to 3 <sup>rd</sup> party video components, e.g NVRs

<b>DOOR ENTRY FEATURE</b>	
White balance	Auto
Minimum illumination	0.1LUX
Additional information	Relays controlled individually by DTMF tones, camera permanently operational, auto-night mode with LED illumination
<b>NETWORKING AND PROTOCOL</b>	
Protocol support	IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP
<b>DEPLOYMENT AND MAINTENANCE</b>	
<p style="text-align: center;">           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)         </p>	
<b>APPLICATION SCENARIOS</b>	
Office door phone with on-site or hosted IP-PBX, remote site entry over internet, apartment/flat intercom with door access control	

FREUND ELEKTRONIK A/S, IN COOPERATION WITH ITS SISTER COMPANY FREUND ELEKTRONIKA SARAJEVO, IS DEVELOPING IP-BASED INTERCOM, AUDIO, ACCESS CONTROL AND SMART HOME SOLUTIONS.

WE HAVE MORE THAN 30 YEARS OF EXPERIENCE IN THIS TECHNOLOGY FIELD AS DEVELOPER, MANUFACTURER AND RESALER COMPANY.

IN THE INDUSTRY, WE NEGOTIATE THE MOST INNOVATIVE SOLUTIONS WITHIN BUILDING COMMUNICATION. WE HAVE DAILY FOCUS ON DEVELOPMENT AND USER-FRIENDLINESS AND OUR PRODUCTS HAVE TECHNICAL HIGH QUALITY AND PLEASANT DESIGN.

AS A DEVELOPER AND MANUFACTURER OF OUR OWN IP-INTEGRA SYSTEMS, WE ARE ON TOP OF THE MOST ADVANCED SYSTEMS FOR DOOR TELEPHONY, PUBLIC AUDIO AND ACCESS CONTROL SOLUTIONS.

OUR DEVELOPMENT DEPARTMENT HAVE DEVELOPED, TOGETHER WITH OUR PARTNERS, ELEGANT AND ROBUST DOORPHONES, SIP-CENTRALS, TERMINALS, IP-SPEAKERS, ACCESS CONTROLLERS AND APPLICATIONS WITH INTELLIGENT FEATURES AND THE MOST ADVANCED TECHNOLOGY, BUT AT THE SAME TIME EASY FOR OUR CUSTOMERS TO USE.

FREUND GROUP IS ONE OF THE TOP PROVIDERS ON THE MARKET FOR IP-BASED BUILDING CONTROL AND COMMUNICATION AND RELATED SYSTEMS.