

# FE-IPDS-20WM & FM - 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-20 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: 120 (H), 64 (V)
- PoE (IEEE802.3af, Power-over-Ethernet)
- Two-way audio communication over IP networks with Echo Cancel feature
- Complies with SIP standard for easy integration in every SIP capable PBX-es
- Complies with ONVIF standard for easy integration with any network surveillance system

TECHNICAL SPECIFICATION	
PHYSICAL AND POWER	
Front panel	Aluminium alloy
Camera	3 Mega pixels, automatic lighting
Button	1 call button
Sensors	Infrared sensor, Light sensor
Wiegand port	Support
RF Card Reader	13.56MHz & 125kHz
Relay in/out	2 inoput and output relays for door opener
Microphone	40dB
Speaker	4Ω / 3W

Ethernet port	RJ45, 10/100Mbps adaptive
Water-proof and Dust-proof	IP65
Installation	Wall-mounted & Flush-mounted
Flush – mounted DIM	189 x 120 x 56.5mm
Wall – mounted DIM	145 x 85 x 27.5mm
Working Humidity	10 ~ 90%
Working Temperature	-20°C ~ + 65°C
Storage Temperature	-40°C ~ + 70°C
<b>AUDIO</b>	
SIP v1(RFC2543), SIP v2(RFC3261)	
Narrowband Audio codecs	G.711a, G.711μ, G.729
Broadband Audio codecs	G.722
DTMF	In-band, out-of-band DTMF (RFC2833), SIP info
Echo cancelation, voice activation detection, comfort noise generator	
<b>VIDEO</b>	
Sensor	1/3", CMOS
Pixels	CIF, QCIF, VGA, 4CIF, 720p
Video codec	H.264
Video resolution	up to 1280x720p
Max. image transfer rate:	720p – 30fps
Viewing angle	120°(H) / 64°(V)
High intensity IR LEDs for picture lighting during dark hours with internal light sensor	
Compatible to 3rd-Party-Video components, e.g. NVRs	
<b>NETWORKING &amp; PROTOCOLS</b>	
Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP,DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP	
<b>DEPLOYMENT &amp; MAINTENANCE</b>	
Auto – Provisioning	
Web management portal	

Web – based packet dump Configuration backup/restore Entry log export Access table export/import System logs (include door access logs)	
<b>DOOR ENTRY FEATURE</b>	
Relays controlled individually by DTMF tones Camera permanently operational White balance: auto Auto-night mode with LED illumination Minimum illumination: 0.1LUX	
<b>APPLICATION SCENARIO</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.