

FE-IPDS-20FM

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-20FM 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 AND PHYSICAL

Material	Aluminium
Camera	3 MP, auto-lighting
Buttons	1 Call button
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	4Ω/3W
Ethernet port	RJ45, 10/100Mbps adaptive
On-wall dimensions	189 x 120 x 56.5 mm
In-wall dimensions	145 x 85 x 27.5 mm
Working humidity	10% to 90 %
Working temperature	-20°C to 65°C
Storage temperature	-40°C to 70°C
Relay in/out	2 input and output relays for door opener

VIDEO

Sensor	1/3", CMOS
Pixels	CIF, QCIF, VGA, 4CIF, 720p
Video codec	H.264
Video resolution	Up to 720p
Maximum image transfer rate	720p-30fps
Viewing angle	120°/ 64° (H/V)
Lighting	High intensity IR LEDs for picture lighting during dark hours with internal light sensor, compatible with 3 rd party components

NETWORKING

Protocol support	IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP
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DOOR ENTRY FEATURE

White balance	Auto
Minimum illumination	0.1 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



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.

