Industrial
Intercom

A smart industrial intercom
A multi-functional communications device for professional use

A professional intercom is designed for **comfortable, two-way voice communication** using the standard LAN and VoIP network. It is optimised for interior and exterior use in demanding industrial environments. Robust stainless steel construction with a high IP rating, easy operation even in working gloves, RFID service authorisation, and **automatic volume control** with background noise attenuation can guarantee its trouble-free operation in both non-emergency and emergency situations.

At the same time, the intercom enables its operators to control various devices (gates, ventilation, and technological equipment) **locally or remotely**, using binary inputs and outputs, and to create communications networks with a control centre or between control centres.

Versions

Two-button industrial intercom

- 2 resistant programmable buttons (the start of the communication, end of the communication, reporting an emergency to a control centre, and the activation of a pre-defined function).
- The possibility of labelling the buttons' functions.
- Security improvement using an optional RFID service authorisation module.

Eight-button industrial intercom

- 8 resistant programmable buttons to control multiple device functions (e.g. external device control).
- The possibility of labelling the buttons' functions.
- The possibility of a conference call among multiple participants.

Practical applications

Industrial plants	Fire stations	Ports	Tunnels	Motorways

Key features

A smart industrial intercom for real professionals

- **User-friendly operation**
- Two-way interior and exterior voice communication between pre-defined participants even over long distances (via LAN)
- **Full compatibility** with other Telegrafia's devices
- **A possibility of using the device for broadcasting live voice** announcements into the interior and exterior PA systems within an industrial area
- **Activation of sirens** and other acoustic and visual warning devices

- **Activation of automated** mass notification systems
- **Programmable response** to environmental stimuli (i.e. automatic ventilation activation based on sensor measurements of hazardous gas concentrations)

Key features

Resistance and durability

- Robust construction made of stainless steel
- Resistance to high temperatures, humidity, and dirt
- Durable anti-vandal buttons
- High IP rating

High performance and security

- An embedded, powerful, and waterproof loudspeaker
- Intelligible communication of users, even in extremely noise operations (automatic volume control)
- An optional RFID card reader for the operator identification and access authorisation for reserved areas

Modern communication

- Integration into VoIP networks
- Optional integration into warning systems and control centres
- Local or remote device control using binary inputs and outputs, e.g. opening doors or switching visual signalisation devices

Control

Two-button industrial intercom

Two-button industrial intercom with an RFID function

Eight-button industrial intercom

Technical parameters

Power supply	passive PoE, from 10 to 52 V DC
Power consumption	Permanently: 2 W / Peak: 30 W
Audio output power	20 W
Dimensions	110 × 300 × 40 mm
Weight	max. 1 kg
The range of working temperatures	-25 °C up to +60 °C
IP rating	IP54, IP65
Binary inputs/outputs	2 inputs 2 outputs
Optional modules	an RFID module a video camera (VGA 640 × 480) – coming soon

![Telegrafia logo]

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