

Intercom terminal (cell station)

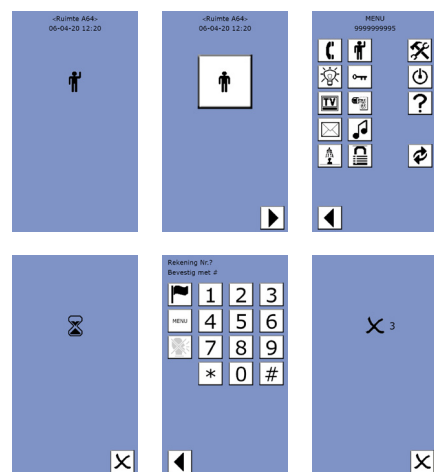
The intercom terminal is a versatile vandal-proof cell station specifically designed for essential communication and a wide range of functional applications. It is ideally suited for use in cells (or rooms) of secure institutions or wards. The station has a high-quality audio part for speaking/listening and a control unit with a vandal-proof, colour touch screen and card reader for controlling devices, such as lighting, payphone, hotel switching (energy management), attendance registration, text messages, shower release (water management), and legionella prevention. Control is released as soon as an authorised user card (specifically per cell station) is used at the card reader with or without additional PIN code verification.

Features

- ❖ Full-duplex communication
- ❖ Monitored calls
- ❖ Music broadcast and audio detection
- ❖ Audible alarms
- ❖ Attendance registration and access control
- ❖ Sabotage detection
- ❖ Local I/O control
- ❖ Possibility to switch night lighting via call attendance reader
- ❖ Telephony using VoIP (Voice over IP)/SIP (Session Initiation Protocol)
- ❖ Programmable menu
- ❖ Application via touchscreen

Characteristics

- ❖ Licence free
- ❖ Vandal-proof with stainless steel front
- ❖ Optional external phone horn and holder option (with blind plate)
- ❖ Card holder accepts passes up to 5 mm thick in conformance with ISO7810
- ❖ Call button RGB LED signalling
- ❖ Speaker and microphone pierce protection
- ❖ Option to directly connect a call button and call attendance reader
- ❖ Tamper-proof fastening screws
- ❖ PoE (Power over Ethernet) or separate 24 VDC supply
- ❖ Software RUE (Remote Update Enabled)
- ❖ Security features based on IEC 62443-4-2
- ❖ LKDS; MIFARE® Classic, DESFire® EV1/EV3, Rijkspas



System

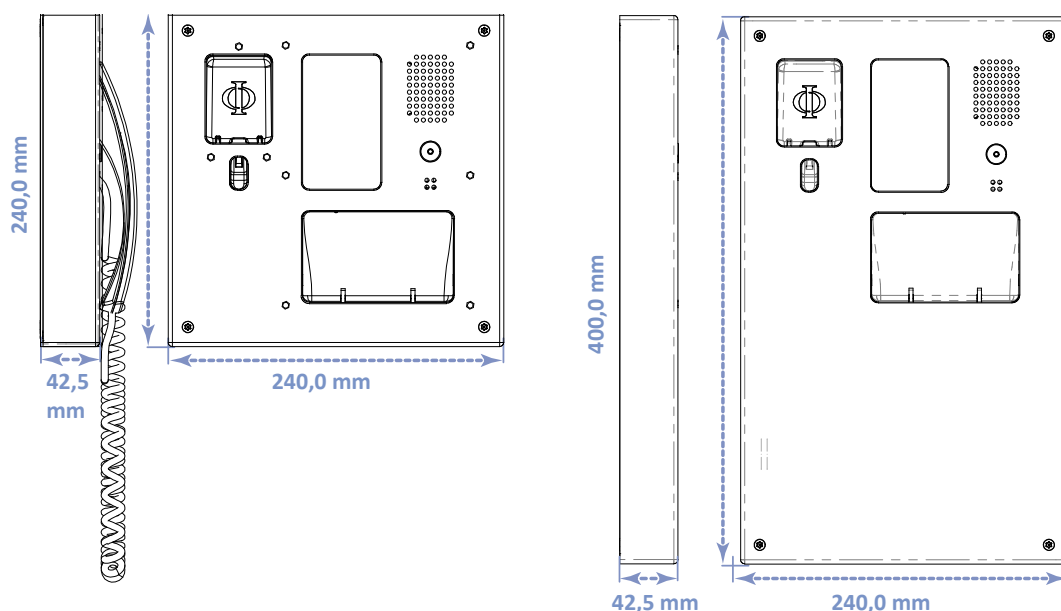
The IOLAN VoIP intercom system is a high-quality technical Voice over IP-based intercom system. It was designed to be used at high-risk properties (e.g. courts, prisons, ministries, (state) government offices, etc.) or properties where the user sets high technical and/or security requirements for the intercom system. An IOLAN VoIP intercom system seamlessly interfaces with an security management system from IOLAN so that integrated security solutions interacting between intercom and door operation and the switching on of cameras can be implemented in a simple manner. The IP architecture makes the system modular and scalable without limit.





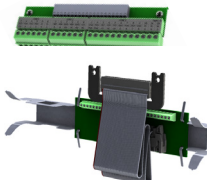

Technical specifications

Dimensions	Type A: 240x240x42,5 mm (LxWxD) Type B: 400x240x42,5 mm (LxWxD)
Material	Front RVS AISI304
Ingress protection	IP40, suitable for condensation free indoor use
Connections	1x 40-pole connector for flat cable or terminal block 2x RJ45 1x connector for telephone horn 1x connector for IRP
Inputs & outputs	Depends on the chosen terminal block
Protocols	IPv4, TCP, RDP/UDP, SIP/UDP, IRP, SNMP, IGMP, IOLAN TC, TLS, AES, VoIP
Power supply	PoE or separate 24 VDC supply

Type



Accessories

	Loose wall frame; stainless steel, suitable for mounting on a flat wall. Measures (LxWxD): Type A: 240x240x42,5 mm Type B: 400x240x42,5 mm		Phone horn; an alternative for speaking and listening during calls. Phone horn holder; for storing the handset at the intercom terminal. Blind plate; to cover the holder.
	Terminal blocks; several universal standard terminal blocks are available. The type to select depends on the application and desired functions.		Call attendance reader; With the LEDs, the NDx can indicate statuses (free / busy) of cells, lighting (on / off), indicating calls and / or attendance physically on the outside of the room.