

## Technical Specifications

|   |  |
|---|--|
| <b>Power supply</b>   | Power over Ethernet (PoE),<br>typ. 48VDC<br>IEEE 802.3af Alternative A,<br>power class 0 |
| <b>Power consumption</b>  | typ. 1.7W, max. 4.25W  |
| <b>Power supply output for<br/>peripheral devices (e.g. NFC<br/>Code Touch)</b> | 24VDC, max. 3W   |
| <b>Ethernet interface</b>   | 100 MBit/s   |
| <b>Tree interface</b>   | Connect up to 50 Tree devices  |
| <b>Ambient temperature</b>  | -20 ... +40 °C / -4 ... +104 °F  |
| <b>Humidity</b>   | max. 95% r.H. (non condensing)   |
| <b>Safety rating</b>  | IP44   |
| <b>Dimensions</b>   | 90x90x16mm /<br>3.55x3.55x0.63" (LxWxH)  |
| <b>Maintenance &amp; Cleaning</b>   | This device is free of main-<br>tenance and may only be<br>cleaned with a dry cloth.     |

## Installation & electrical connection

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturers guidelines the protection of the device may be affected.

This folder is a part of the product!



For additional information,  
declaration of conformity, visit  
[loxone.com/help/intercom](http://loxone.com/help/intercom)



# LOXONE

## Need Help?

[loxone.com/support](http://loxone.com/support)

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VZ70521



## Intercom

Part No: 100484 (White)  
Part No: 100485 (Anthracite)

# LOXONE

## About the product

The Loxone Intercom is a compact video door bell featuring a glass finish, illuminated bell button and proximity sensor. The microphone is embedded into the front panel, the concealed speakers are located on unit's left side.

The device is connected to the network and powered via PoE (Power over Ethernet). The integrated Tree interface makes it possible to connect an NFC Code Touch as part of an access solution.

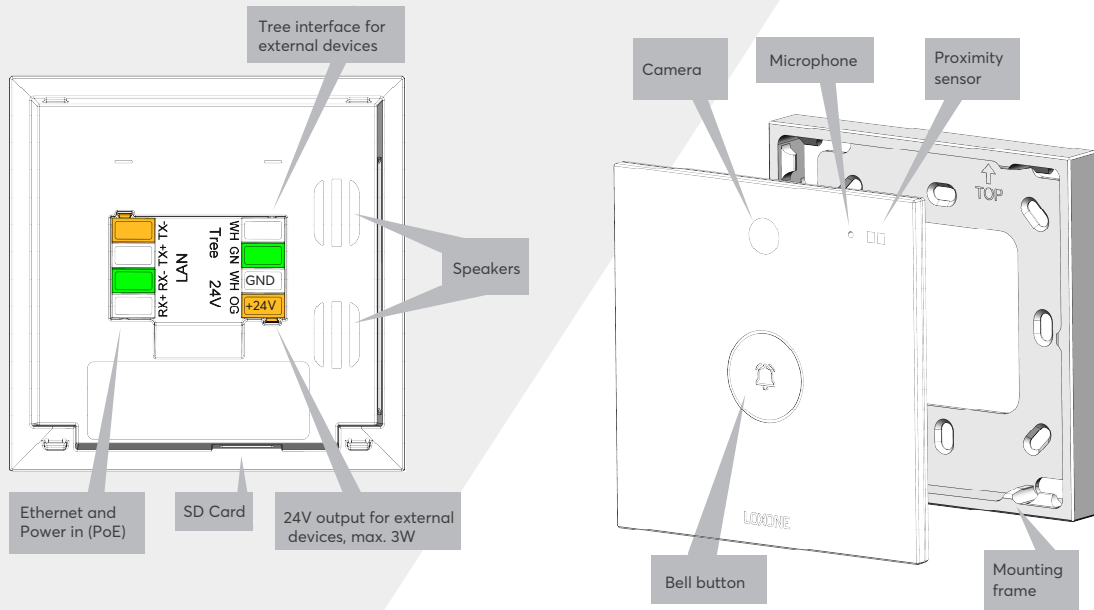
The device is mounted in a low-profile aluminum frame, available in a single or double version.

## Installation

Install the mounting frame on the desired installation place, and connect it according to the product documentation. Power up the device and pair it with your Miniserver in Loxone Config. To finish the installation attach the Loxone Intercom on the mounting frame.

## Connection

|                               |  |
|-------------------------------|--|
| <b>Wire cross-section</b>     | 0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18 |
| <b>Stripping length</b>       | 5mm / 0.2"                                 |
| <b>Temperature resistance</b> | -40 ... 105°C / -40 ... 221°F              |



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|   |   |
|---|---|
| <b>Bell button</b>                            | 1 touch point, capacitive   |
| <b>Click feedback</b>                         | Yes   |
| <b>Speaker</b>                                | 2x 0.7W continuous / 2x 1W max. momentary                                     |
| <b>Microphone</b>                             | Digital microphone, MEMS  |
| <b>Camera</b>                                 | <b>Field of View:</b> 120° diagonally<br><b>Resolution:</b> 1280x720 pixel    |
| <b>Proximity sensor detection range</b>       | in direct light: 0.2 m /<br>low ambient light: 2.0 m /<br>detection angle 27° |
| <b>Mounting location with direct sunlight</b> | white: allowed<br>anthracite: not recommended                                 |
| <b>Recommended mounting height</b>            | 1.6m / 63" top edge   |