

## Technical Specifications

|                                                                                    |                                                                                    |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Power supply</b>                                                                | Power over Ethernet (PoE),<br>typ. 48VDC IEEE 802.3af<br>Mode A, power class 0     |
| <b>Power consumption</b>                                                           | typ. 1.7W, max. 5.8W<br>(incl. 3W for external devices)                            |
| <b>Ethernet interface</b>                                                          | 100 MBit/s                                                                         |
| <b>Voltage output for<br/>supplying external devices<br/>(NFC Code Touch...) *</b> | 24VDC, max. 3W *<br>Wire length: max. 3m / 10ft                                    |
| <b>Tree Interface Out *</b>                                                        | Connection of up to<br>50 Tree devices *<br>Wire length: max. 3m / 10ft            |
| <b>Ambient temperature</b>                                                         | -20 ... 40°C / -4 ... 104°F                                                        |
| <b>Humidity</b>                                                                    | max. 95% r.H. (non condensing)                                                     |
| <b>Protection class</b>                                                            | IP 34                                                                              |
| <b>Dimensions</b>                                                                  | 90x90x16mm /<br>3.55x3.55x0.63" (LxWxH)                                            |
| <b>Maintenance &amp; Cleaning</b>                                                  | This device is free of<br>maintenance and may only<br>be 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 device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

\* The devices connected to the 24V power output and the Tree interface of the Intercom must remain independent of the rest of the installation. No connection to other Tree branches, power supplies or devices may be established, not even via the GND.

## 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.  
Please note the non-standard box spacing of 98mm when using the double or triple mounting frame!



For more information  
about this product, visit  
[loxone.com/intercom](https://loxone.com/intercom)

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For additional information,  
declaration of conformity, visit  
[www.loxone.com/datasheets](https://www.loxone.com/datasheets)

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# Intercom

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

# LOXONE

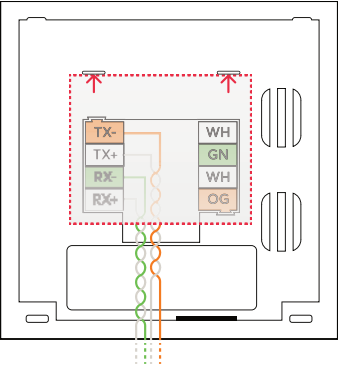
# Technical Specifications

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

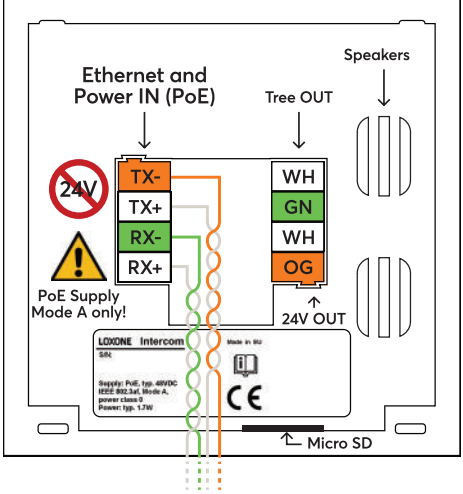
# About the product

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 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 double, or triple version.



For protection against water, the enclosed adhesive cover must be attached!



# 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              |

