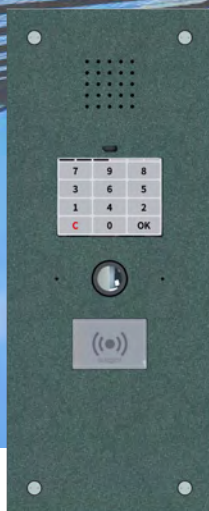


Video Door Intercom for Modern Telecommunications

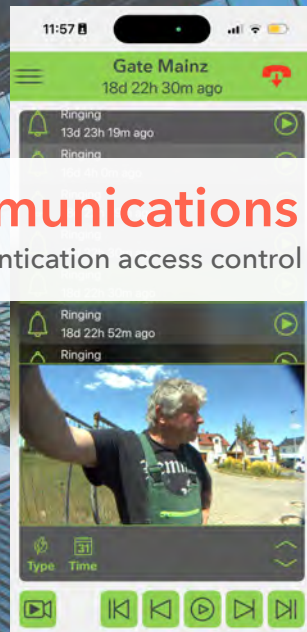
PBX-ready system for multi-tenant environments with advanced three-factor authentication access control



frogTerminal S3+



frogTerminal KS



Cutting-Edge Technology for Door Communication

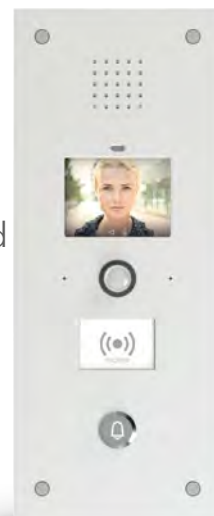
The frogTerminal functions as an IP phone making it compatible with all modern telecommunications systems – both on-premise, hardware-based, and cloud-based solutions. Designed for multi-tenant environments, the terminal can be integrated with various systems in parallel. Access is granted via PIN code and/or RFID transponder, with flexible scheduling. Building control systems can be integrated via IP or Bluetooth®.

Crystal-Clear Audio and Panoramic View

Exceptional sound quality and volume ensure reliable operation in challenging environments. The 180° lens and 8MP sensor provide a complete panoramic view. The frogTerminal records not only video but also high-resolution snapshots during ring events, door openings, incorrect PIN entries, and unauthorized access attempts.

Smartphone Integration

Our frogSIP app and frogCloud service provide seamless integration with Apple® and Android® smartphones, enabling call forwarding directly to the user's phone. In addition to event history access, users can also configure access settings – such as PIN codes – via their smartphone.



The German specialists in smart technology & energy-efficient building technology

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Easy, Infrastructure-Free Solution

The frogTerminal connects directly to one or more IP phones over your network – no telephone system or SIP server required. Using the SIP Protocol the frogTerminal also works with all modern phone systems and cloud-based VoIP services.

Flexible Ring Options

You can create custom name labels on the frogTerminal's display and link each one to specific call destinations or actions – like switching on lights or opening gates. Instead of names, residents or offices can also be selected by number on the display. If a call group doesn't answer, the call is automatically forwarded to the next group, and the next set of actions is triggered.

External Call Buttons and Action Lists

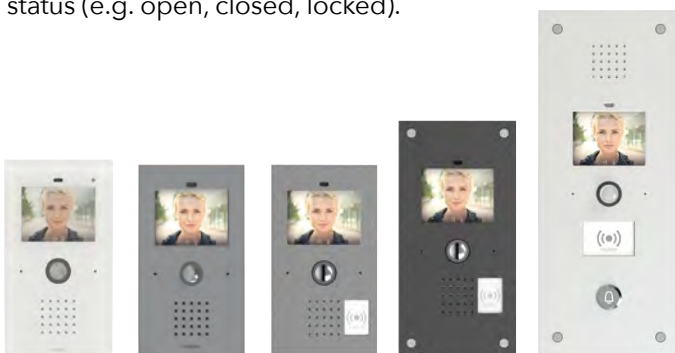
Two physical call buttons can be connected to the terminal's contact inputs, with additional inputs available via frogblue Bluetooth® modules. These buttons can also trigger advanced actions, such as sending IP links to KNX® or DALI® systems to switch lights or control gates and barriers via the network.

Networking and Protocols

Communication is supported via Gigabit Ethernet (PoE Class 3) or Wi-Fi. The Terminal supports MQTT, SIP, and RTSP with H.264. In general all system communication, event logging, and building control is handled through the SIP message channel – so no additional IP connections or open ports are required.

Hardware Interfaces

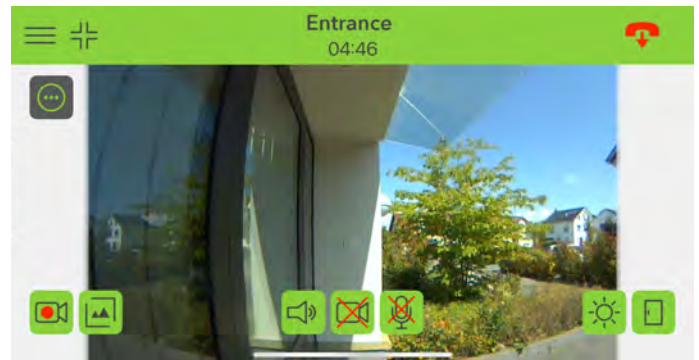
The frogTerminal connects via PoE over Ethernet or wirelessly via Wi-Fi and can be powered with 12V DC or 24V DC/AC with 10 watts. An integrated 12/24V, 1A relay contact allows door control. Two contact inputs can connect magnetic contacts to detect door status (e.g. open, closed, locked).



Glas Line KS-Line ALU-Line S2-Line S3-Line B1

Smartphone Integration Made Easy

The frogSIP app is available on the Apple® App Store and Google® Play. Pairing the smartphone with the frogTerminal is lightning-fast using a QR code or PIN via the setup wizard. The app displays a full call and event history (with video) and allows users to define access and function PINs to trigger actions via the terminal. PIN codes and access credentials can be remotely managed and updated directly from the smartphone.



Perfect for Multi-Tenant Buildings

In many buildings, each unit may use a different phone system. The frogTerminal handles this with ease – it can register with multiple telecom systems simultaneously.

Secure, Decentralized Access Control

Access can be granted via a phone call, PIN code, and/or RFID transponder (card or tag). Weekly schedules allow time-based access for each user. Credentials are stored and updated directly on the transponder, eliminating the need for pre-registration at each terminal. Even during network outages, access remains fully functional thanks to the decentralized architecture.

Three-Factor Authentication

Access at the frogTerminal can be verified using a transponder and PIN, with an optional third factor via phone call – ideal for added security outside of working hours.

Integrated Wireless Building Automation

frogblue's Bluetooth®-based modules ("frogs") control a wide range of building functions including lights, doors, shutters, and fans, and also process sensor data such as temperature, door/window status, and more. All modules integrate seamlessly via frogblue's patented Bluetooth® Mesh network.

