# DS11

Network Panic Button

# Product Datasheet

The DASSCOM DS11 Network Panic Button is a reliable emergency device designed for quick response in critical situations. In the event of an emergency, users can press the button to initiate a silent emergency call to preset destinations. The DS11 supports outbound calls and allows up to 5 call destinations to be set. It automatically polls destinations when the device is busy, unanswered, or offline, ensuring call accessibility. Additionally, it is also suitable for daily scenarios requiring consultation or assistance.

The DS11 is characterized by its simplicity, quick response, and high reliability. It is powered via a PoE network cable and features flexible installation options, supporting both wall-mount installation (with EA-MB1 mounting box) and flush-mount installation (compatible with standard 1-Gang electrical boxes). It can be installed under desks, counters, or on walls. The DS11 also allows users to upload customized tones (such as device location information), which the recipient will hear the tones first. With these features, the DS11 is ideal for use in classrooms, banks, courtrooms, medical institutions, 24-hour restaurants, etc.

## Features

- Compact design with a built-in microphone but no speaker, ensuring concealed and silent emergency call.
- Two button activation methods: press trigger and long-press trigger.
- Support up to 5 call destinations.
- Support dialing outbound calls.
- Automatically polls destinations when the device is busy, unanswered, or offline, ensuring call accessibility.
- Multiple LED indicator flashing preset modes for the button.
- Allow users to upload customized tones (such as device location information), which the recipient will hear the tones first.
- Support Adaptive Noise Reduction feature, ensuring clear audio pickup in noisy environments.
- Support relay control.
- Support remote access control.
- Supports PoE power supply.
- Configure and control via web GUI.
- Standard SIP protocol supported, integrable with DASSCOM IP Audio Center or third-party SIP servers, such as IP-PBX systems.
- Three SIP account lines supported.
- P2P supported.
- Provides flexible API functionality.
- IK10 vandal-proof rating
- IP66 dustproof and waterproof rating

## Applications

- Schools
- Health Care
- Shopping Centers
- Financial Institutions
- Court Rooms
- Restaurants
- Motels
- Reception Areas
- Retail Shops
- Parking Lots

## Specifications

| | |
|---|---|
| **Audio** | |
| Microphone Sensitivity | -36±3dB |
| SIP Audio Codecs | G.722, G.711 A-law, G.711 U-law, Opus |
| **Network** | |
| Ethernet | 10/100Mbps Adaptive |
| Network Protocols | SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP,PTP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH |
| **Management** | |
| Configuration | Web Interface or Auto Provisioning Server |
| Provisioning | MQTT IoT Protocol |
| **Interface** | |
| Network Port | 1 x RJ45, PoE (IEEE 802.3af/at) |
| Dry Contact Output Connectors | 1 x 2-Pin Phoenix Connector |
| **Physical** | |
| Memory | 128MB DDR3 RAM |
| Flash Memory | 256MB NAND Flash |
| Power Input | PoE (IEEE 802.3af/at) |
| Casing (Front Panel) | 6063 Aluminum Alloy |
| Mounting | Wall-mount installation (with EA-MB1 mounting box) and flush-mount installation (compatible with standard 1-Gang electrical boxes) |
| Weight | 208g |
| Dimensions | 4.49" x 2.76" x 1.57" (114mm x 70mm x 40mm) |
| **Environmental** | |
| Operating Temperature | -20°C ~ 70°C (-4°F ~ 158°F) |
| Storage Temperature | -40°C ~ 70°C (-40°F ~ 158°F) |
| Humidity | 10% ~ 95% (non-condensing) |
| **Approvals** | |
| Approvals | CE (EN IEC 62368-1:2020+A11:2020,EN 55032:2015/A1:2020,EN 55035:2017/A11:2020)<br>FCC (FCC Part 15 B)<br>IP66 (IEC 60529:1991+A1:2000+A2:2013)<br>IK10 (IEC 62262-2021) |