MT30 Datasheet - Smart Automation Button

Overview

Organizations are turning toward digital technologies to streamline processes, create new customer experiences, and adapt to evolving business challenges.

The Cisco Meraki MT30, part of the Meraki MT sensor portfolio, is a smart automation button designed to automate common tasks or trigger specific actions at the press of a button. MT30 comes with an automation builder feature on the Meraki dashboard that makes it easy to build workflows custom to your business needs, including native integrations with other Meraki products.

With the click of a button, MT30 can alert staff members when a customer needs assistance, turn off Wi-Fi to help students focus in school, replenish material on a manufacturing line, or control office lighting to decrease energy consumption. With MT30 and the cloud-first Meraki platform, anything is possible.

Smart sensors. Smarter businesses

Meraki MT accelerates deployment, simplifies management, and provides data-driven business outcomes. Wire-free installation, flexible mounting options, and automatic pairing make it easy to provision thousands of sensors in a short amount of time. Centralized cloud management and open APIs enable MT sensors to be managed alongside other networked devices or integrated with any business system.

Product highlights

Empowering automations

- Gain value from existing infrastructure by remotely automating MV, MR, and MS features

- Automate from anywhere with events triggered directly from the Meraki mobile app

- Build applications custom for your business through the vast partner ecosystem

Custom alerts and analytics

- Never miss an event with real-time alerts via email, SMS, push notification, or webhook

- Analyze data your way with .csv, .xls, API, or MQTT export options

Cloud-first architecture

- Cloud-based management eliminates the need for on-premises servers

- Visibility alongside other Meraki products on the dashboard empowers lean teams

Simple and secure connectivity

- Streamline deployment with automatic wireless connectivity to MR/MV gateways

- Secure device authentication and encryption with the Cisco Trust Anchor module

Technical specifications:

Sensor details

Trigger events with customizable button presses on MT30

Dashboard Automation Builder features

- Capture a time-stamped MV snapshot

- Enable/disable MR SSID

- Toggle on/off MS switch port

- Send push, SMS, email with custom messages

- Generate webhook alert

- Trigger an API call

Wireless capabilities

Bluetooth® Low Energy	Compatible MV smart cameras and MR access points
Operating frequency	2.400–2.4835 GHz

| IEEE standard | 802.15.1 (Bluetooth Low Energy) |

Data logging

| Data sampling | Data reporting to gateway every 20 minutes, or immediately upon threshold violation |

| Onboard data storage | Up to five days of data storage |

| Security | Secure Bluetooth Low Energy messaging using long-term key (LTK) |

Power

One AA battery or USB-C power adapter

Battery life up to five years

Power ratings: 5V; 0.1A

Physical characteristics

Dimensions: 117.1 mm (L) x 65.9 mm (W) x 26.0 mm (H)

Weight (excluding batteries): 102g

Battery compartment

Multicolor, multifunction status LED

General-purpose button

Reset button

USB-C port (receptacle connector)

Operating environment

Temperature: -18°C to +55°C (0°F to +131°F)

Relative humidity: 0 to 95% RH

Warranty

Three-year hardware warranty with advanced replacement

Ratings

IP55 rated

Ordering information

MT30-HW	Meraki smart automation button
LIC-MT-XY	Meraki MT Enterprise License (X = 1, 3, 5, 7 years)
MA-PWR-USB-XX	External power adapter (XX= US, EU, UK, or AU)
MA-PWR-ETH	USB-C to Ethernet adapter

Note: Each Meraki MT sensor requires a license to operate, however every dashboard organization comes standard with five free MT licenses to help get started.

In the box

MT30-HW

Quick-start and installation guide

One AA battery

Mounting equipment	Wall-mount backplate
	Magnet

VHB tape

Two mounting screws

Two drywall anchors