



DATASHEET

MT12 Cloud-Managed Indoor Water Leak Detection Sensor

Overview

IT infrastructure forms the backbone of any business. Protecting this critical equipment from dangerous environmental conditions is key to minimizing business interruptions and downtime. The Cisco Meraki MT12 water leak detection sensor can detect the presence of as little as a teaspoon of water with either an 8 ft (2.4 m) sensor cable or spot leak detection cradle to ensure safe operating conditions.

Once in place, MT12 will continuously monitor your environment. If your HVAC system malfunctions and starts leaking or your facility pipes freeze and burst, MT12 is there. Create customized alerts that notify you of changing conditions so you can take action and prevent network outages, premature equipment failure, downtime, or product loss.

Smart sensors. Smarter businesses.

Meraki MT sensors accelerate deployment, simplify management, and provide data-driven business outcomes. Flexible mounting, battery or wired power options, and automatic Bluetooth® pairing make it easy to provision thousands of sensors in a short amount of time. Centralized cloud management enables MT sensors to be managed alongside other networked devices, while open APIs allow MT to integrate with any business system.

Product highlights

Protect your business-critical assets

- Multiple leak detection accessory options for flexible deployments
- Stay in-the-know with real-time alerts via email, SMS, push notification, or webhook
- Monitor and troubleshoot on-the-go with the Meraki mobile app

Cloud-first architecture

- Cloud-based management eliminates the need for on-premises servers
- Management alongside other Meraki products on the dashboard empowers lean teams
- Gain complete visibility by associating sensor events with MV camera footage

Simple and secure connectivity

- Accelerate deployment with automatic, wireless connectivity to MR/MV gateways
- Secure device authentication and encryption with the Cisco Trust Anchor module
- Five-year battery life with two user-replaceable AA batteries

Analytics tailored to your business

- Identify anomalies and trends with data visualizations and weekly reports
- Build applications custom for your business through the vast partner ecosystem
- Analyze data your way with .csv, .xls, API, or MQTT export options

MT12 specifications

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 4.2)

Data logging

Data reporting to gateway	Every 20 minutes, or immediately upon state change
Onboard data storage	4,000 data points (five days of data at the default sampling rate)
Security	Bluetooth Low Energy messages encrypted and authenticated using Cisco Trust Anchor technology

Power

Two AA batteries or power adapter

Battery life up to five (5) years

Power ratings: 5V; 0.2A

Physical characteristics

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

Battery compartment

Multicolor, multifunction status LED

General purpose button

Reset button

USB-C port (receptacle connector)

Water leak detection connector (receptacle connector)

Operating environment

Temperature: 0°C to 55°C (32°F to 131°F)

Relative humidity: 0% to 95% RH

Ratings

IPx5 rated

Warranty

Three-year hardware warranty with advanced replacement

Ordering information

Hardware

MT12-HW	Meraki MT12 indoor water leak detection sensor
MA-CBL-LEAK-1	8 ft (2.4 m) water leak detection cable and eight cable clips
MA-CBL-LEAK-2	Spot leak detection cradle
LIC-MT-XY	Meraki MT Enterprise license and support (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

In the box

MT12-HW

Quick-start and installation guide

Mounting equipment	<ul style="list-style-type: none"> Wall-mount backplate Magnet VHB tape Two drywall anchors Two mounting screws
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Notes:

- Each Meraki MT sensor requires a software license to operate, however every dashboard organization comes standard with five free MT licenses to help get started
- MA-CBL-LEAK-1 and MA-CBL-LEAK-2 are sold separately, but at least one is required for operation



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