OPSWAT.

METADEFENDER™

Media Firewall™

Industry-Leading Removable Media Security Enforcement for Endpoints

The MetaDefender Media Firewall appliance is a critical component in a defense-in-depth removable media cybersecurity strategy to protect IT host systems and OT SCADA environments.

OPSWAT's MetaDefender Media Firewall works in conjunction with MetaDefender Kiosk™, acting as a simple, plug-and-play firewall appliance to secure host systems from the threats of removable media-borne cyberattacks. The pre-installed default configuration ensures the file contents of all inserted portable media are inspected, audited, sanitized, and approved before use.

Key Features

- Plug-and-play appliance that requires no software installation on the host computer

- Blocks unprocessed and compromised files by requiring all files from portable media to be scanned by MetaDefender Kiosk and produces a manifest of audited files*

- Remotely managed with My OPSWAT Central Management v10 or my.opswat.com

- Assists in policy, regulation, and standards compliance with NERC CIP, NIST 800-53, ISA 62443, ISO 27001, and more

A Critical Advantage

Removable media threats are consistently listed by analysts as one of the top cybersecurity vulnerabilities for IT and OT environments alike. Many organizations have therefore chosen to lock down or entirely disable USB ports to reduce risk, but for some, that's not feasible. With the flexible and easy-to-use implementation of MetaDefender Media Firewall and MetaDefender Kiosk, organizations can focus on maximizing productivity while staying secure from the threats posed by removable media.

OPSWAT.
Protecting the World's Critical Infrastructure

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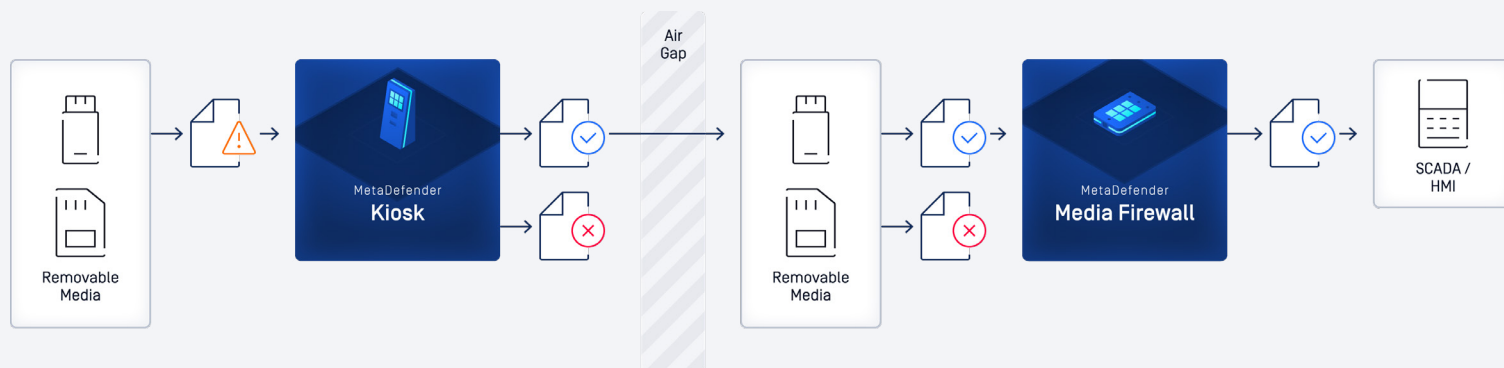
Media Type Support

Front Side	1x USB 3.0 Type-C 1x USB 3.0 Type-A 1x SD card slot 1x Micro SD card slot 1x Compact Flash card slot

Connectivity

Rear Side	1x USB 3.0 Type-C (connect to Host System) 1x RJ45 1GE LAN (management port) 1x 12V DC jack or 24V DC jack
I/O Transfer Throughput	USB 2.0 speed @ 26 Mbps
Power	Input: 100-240V AC ~1.0A 50Hz-60Hz Output: 12V DC 3.0A 36W

Software

Operating System	Linux 5.11
Firmware	MetaDefender Media Firewall firmware image
Management	▪ Local: using host system, without ethernet ▪ On-premises: OPSWAT Central Management using ethernet ▪ Cloud management using my.opswat.com
Host System Requirements	Windows, Linux, Mac USB Type-A (1.0 or greater)
Supported File Systems	FAT, NTFS, EXT
Supported File Size	Up to 104GB

Regulatory

Safety	CE, UL, cUL
EMC	FCC, IC, VCCI, UKCA

Hardware

CPU	Quad Cortex-A53 ARM 1.8GHz
RAM	8 GB LPDDR4
Country of Origin	Taiwan
VESA Mount	Yes

Environmental

Operating Temperature	-5 to +40°C (23 to 104°F)

Physical

Dimensions	180mm (W) x 45mm (H) x 200mm (D)
Weight	1.068kg
Tamper Detection	Tamper detection tape
Material	Metal and ABS
LEDs	5x on front side per I/O 1x on front side for power

*Product specs may vary and not be exactly as shown

What's in the Box

Power	12V DC 36W power supply AC power cord
Cables	6ft USB Type-C to Type-A cable 6ft RJ45 CAT 6 ethernet cable
Instruction	Quick Start Guide

opswat.com/get-started