

# MetaDefender Media Firewall™

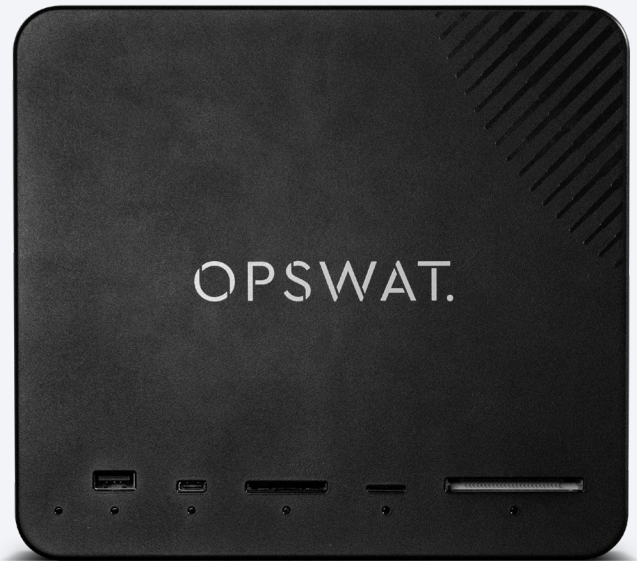
## Next-Level Removable Media Security Enforcement for Critical Systems

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

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

## A Critical Advantage

Removable media threats are consistently listed as one of the top cybersecurity vulnerabilities for IT and OT environments alike by analysts. Many organizations have therefore chosen to internally lock down or entirely disable USB ports to reduce risk, but for some, that's simply 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.

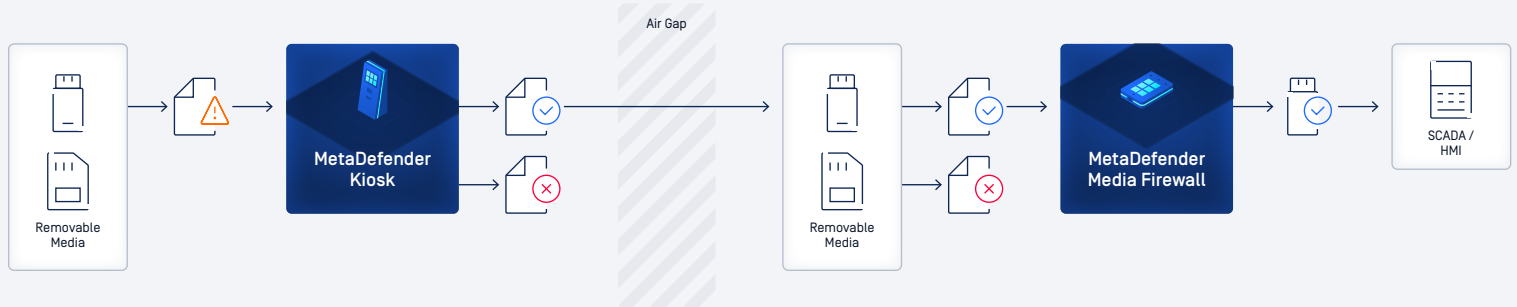


## Key Features

- Plug-and-play appliance that requires no software installation on the host computer
- Provides boot sector protection
- Locally managed using host system without ethernet, or remotely managed over ethernet with myOPSWAT.com
- As a prerequisite, Media Firewall requires that portable media is first scanned by MetaDefender Kiosk
- Assists in policy, regulation, and standards compliance with NERC CIP, NIST 800-53, ISA 62443, ISO 27001, and more

# OPSWAT.

## MetaDefender Media Firewall



## Specifications

### MEDIA TYPE SUPPORT

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

### CONNECTIVITY

|           |   |
|-----------|---|
| Rear Side | 1x USB 3.0 Type-C (connect to host system)<br>1x RJ45 1GE LAN (management port)<br>1x USB 3.0 Type-A (remote management over Wi-Fi dongle)<br>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<br>Output: 12V DC 3.0A 36W |
|-------|---|

### SOFTWARE

|                          |   |
|--------------------------|---|
| Operating System         | Linux 5.10  |
| Firmware                 | MetaDefender Media Firewall firmware image  |
| Management               | <ul style="list-style-type: none"><li>Local: using host system, without ethernet</li><li>On-premises: OPSWAT Central Management using ethernet</li><li>Cloud: MyOPSWAT.com using ethernet</li></ul> |
| Host System Requirements | Windows, Linux, Mac<br>USB Type-A (1.0 or greater)  |
| Supported File Systems   | FAT, NTFS, EXT  |
| Supported File Size      | Up to 64 GB   |

### HARDWARE

|     |                            |
|-----|----------------------------|
| CPU | Quad Cortex-A53 ARM 1.8GHz |
| RAM | 8 GB LPDDR4                |

### ENVIRONMENTAL

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

### PHYSICAL

|                  |  |
|------------------|--|
| Dimensions       | 180mm (W) x 45mm (H) x 200mm (D)                       |
| Weight           | 1.068kg  |
| Mounting         | VESA 75  |
| Tamper Detection | Tamper detection tape                                  |
| Material         | Metal and ABS  |
| LEDs             | 5x on front side per I/O<br>1x on front side for power |

Refer to MetaDefender Media Firewall User Guide for more.

### WHAT'S IN THE BOX

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

### REGULATORY

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

## OPSWAT.

Protecting the World's Critical Infrastructure