

# MCX3

3-Port Media Converter  
 Multigigabit connectivity  
 PoE+ capability  
 Wall, desktop mount  
 Cloud Insights



**2x 2.5G Ethernet ports**  
**1x 10G SFP+ slot**



**PoE capability (802.3af/at)**  
**60W PoE Budget**



**30 Gbps switching capacity**



**Cloud insights**



**Zero Config Plug-n-Play**



**Mounting kit included**

## 3-Port Fiber to Ethernet Media Converter

This cloud-managed Media Converter with 2x 2.5 Gigabit Ethernet ports and 1x 10 Gigabit SFP+ slot is ideal for powering high-performance devices like WiFi 6/7 Access Points, IP cameras, workstations and IoT devices. The MCX3 provides fast, multi-gigabit data transfer and high-speed fiber uplink for efficient network connectivity.

## POWER OVER ETHERNET (PoE)

Power over Ethernet (PoE) supplies power and data over a single Ethernet cable connection. This reduces installation cost and effort for locations without available power lines.

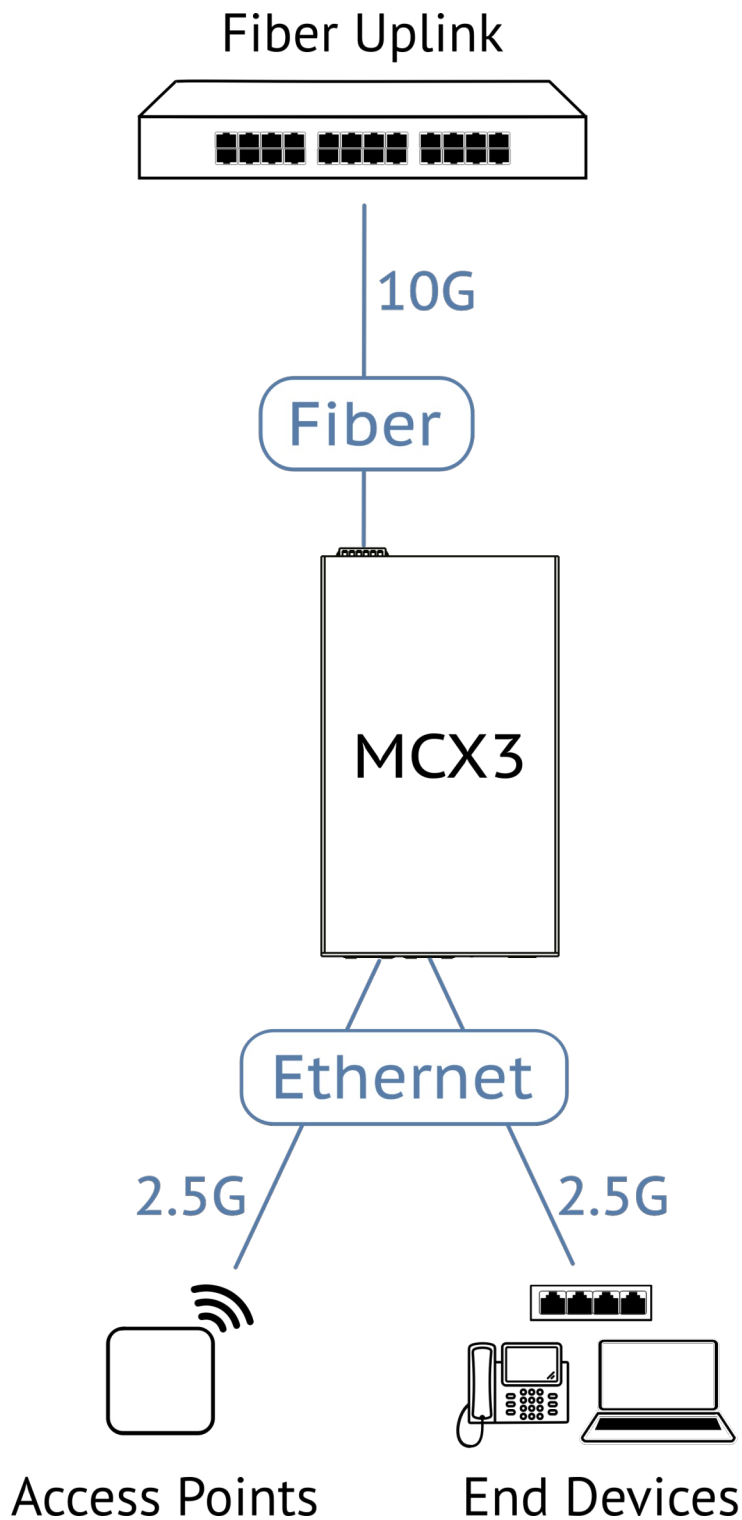
The MCX3 Media Converter can power a network with versatile PoE support. It delivers PoE and PoE+ (802.3af/at) capabilities, providing up to 30W on a single port. When cloud insights are unlocked, the Plasma Cloud Console allows to monitor and manage the power supply of connected devices.

## MOUNTING OPTIONS

The MCX3 Media Converter can be wall or desktop mounted. Using the included screws, the Switch can be securely attached to a wall for space-efficient deployment. For desktop use, the provided rubber feet can be attached to the bottom of the unit, allowing for stable, non-slip placement on flat surfaces.

# Versatile **CONNECTIVITY**

The MCX3 bridges the gap between SFP+ Fiber uplinks and Ethernet end devices. It provides multi-gigabit speeds for high-speed network connectivity.



# POE SUPPORT

**PoE** 802.3af | **PoE+** 802.3at

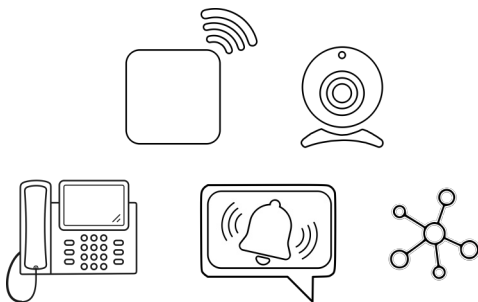
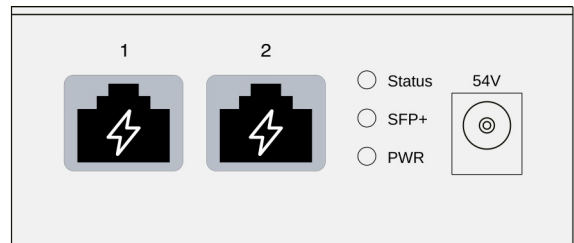
15 W | 30 W

## PoE Budget & Capability

The Plasma Cloud MCX3 Media Converter provides a total power budget of **60 Watt**, and supports the PoE and PoE+ standards (802.3af/at).

## How many PoE ports are available?

Both Ethernet ports support PoE, delivering up to 30W each.

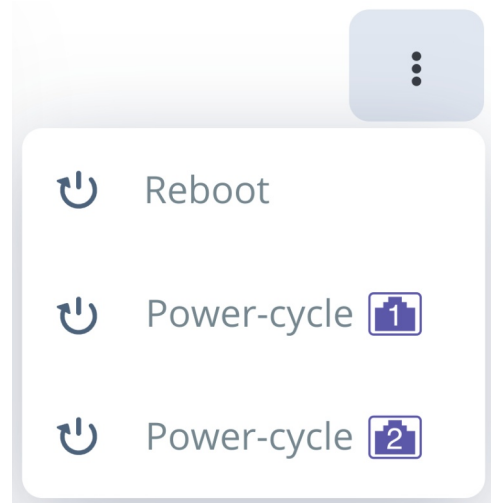


## What type of PoE devices can be powered?

PoE and PoE+ devices like WiFi 6/7 Access Points, VoIP phones, IP cameras, alarm systems, workstations, IoT devices and more.

## Power-cycle Devices

PoE provides complete control over a power line, enabling network administrators to **remotely** power-cycle connected PoE devices effortlessly through the Plasma Cloud console. This feature is available when cloud insights are unlocked.



# Unlock CLOUD INSIGHTS

While the MCX3 can operate as a stand-alone device, connecting it with a Plasma Cloud Switch will unlock **valuable device insights** and **remote management options** on the Plasma Cloud Console.

## Advanced Cloud Management Options



Track connected devices



Power-cycle PoE devices



View PoE usage

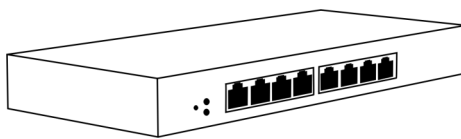


Monitor link speeds

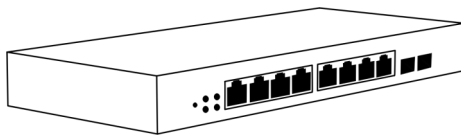
# COMPATIBLE DEVICES

Connect MCX3 to one of the following Plasma Cloud Switches to unlock cloud insights.

PSX8



PSX10

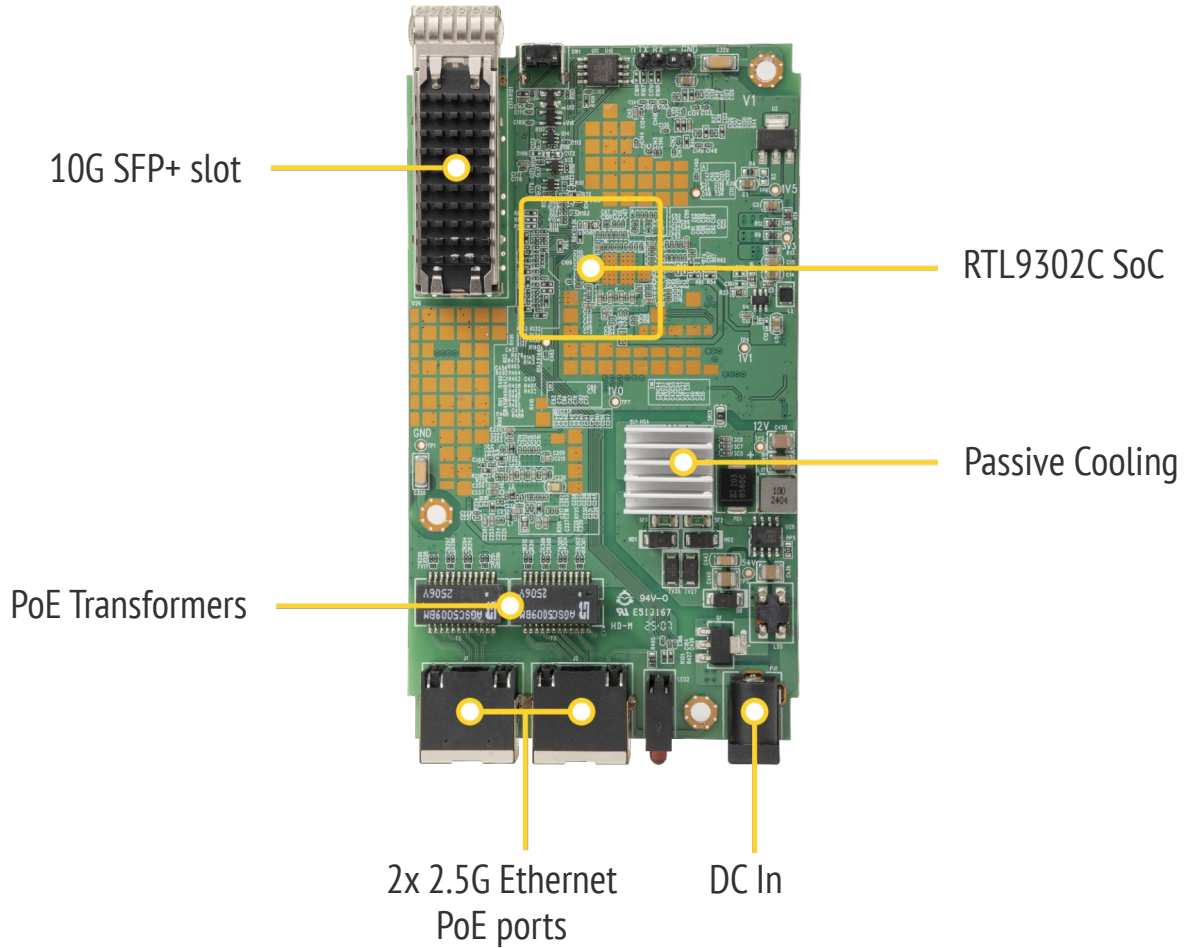


PSX28



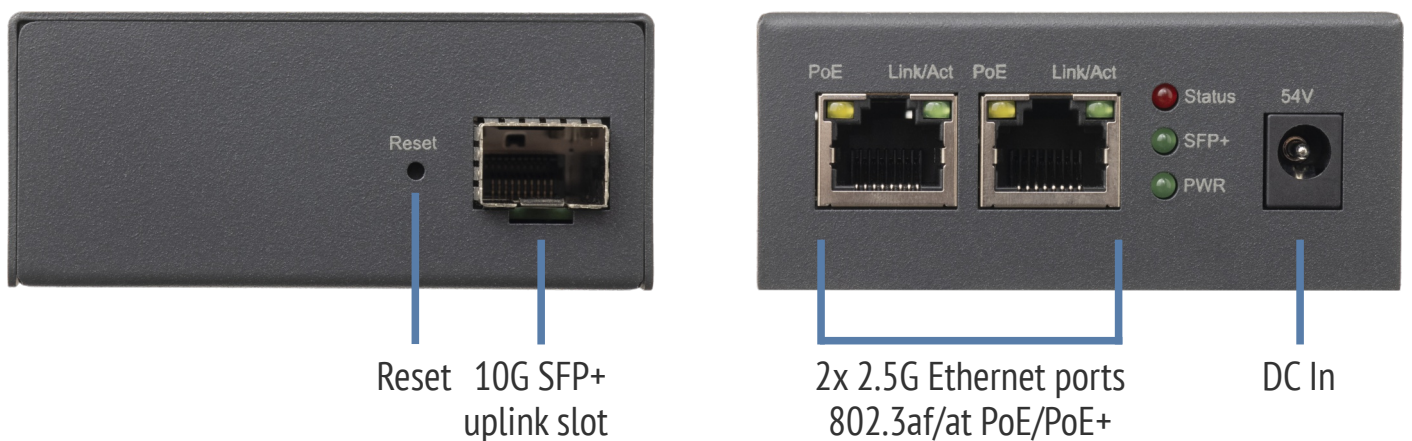
# INSIDE THE MCX3

Enterprise-class hardware



## PORT BAY OVERVIEW

Multigigabit ports for high-speed connectivity with flexible power options

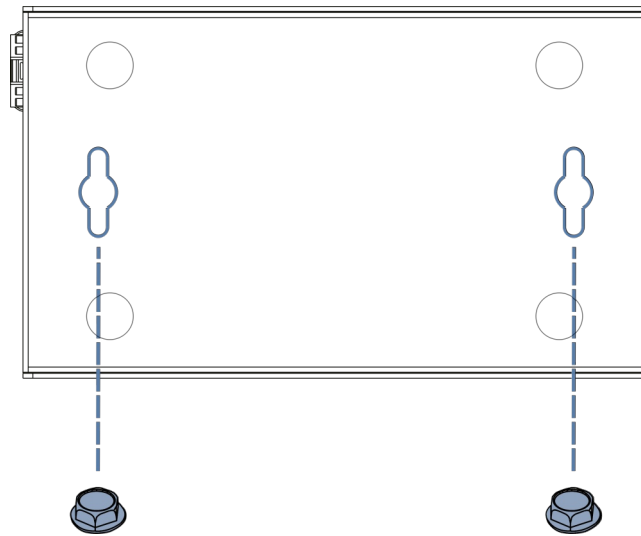


# UNIVERSAL MOUNTING KIT

The universal mounting kit includes various mounting options.

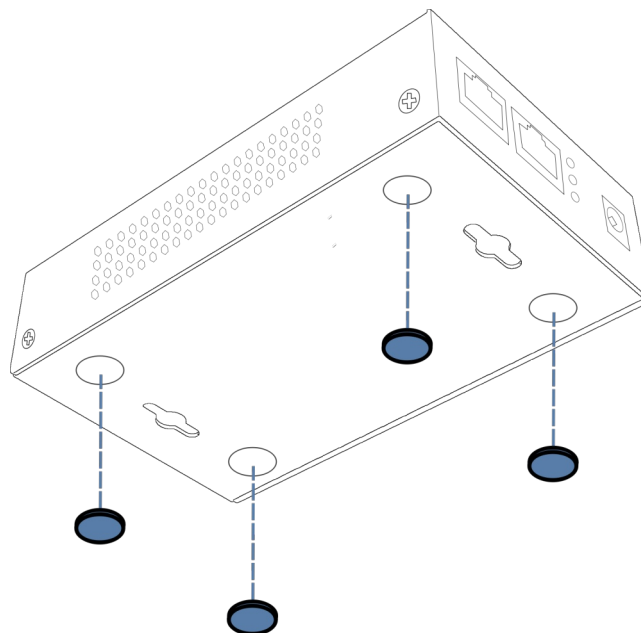
## Wall Mount

The MCX3 Media Converter can be securely mounted to walls using the included screws.



## Desktop Mount

The MCX3 can also be placed on a desk by attaching the provided rubber feet to the device bottom for stable, non-slip support.



# TECHNICAL SPECIFICATIONS

<b>Ethernet Ports</b>	2x 2.5 Gbps (RJ45)
<b>Fiber Slots</b>	1x 10 Gbps (SFP+)
<b>Memory</b>	256MB RAM
<b>Flash Memory</b>	32MB NOR
<b>PoE Budget</b>	60 W
<b>PoE Standard</b>	IEEE 802.3af/at
<b>Switching Capacity</b>	30 Gbps
<b>Fan</b>	Fanless (passive cooling)
<b>Power Input</b>	54 V / 0.74 A
<b>Mounting Options</b>	Desktop, wall mount
<b>Dimension (W x D x H)</b>	127 x 75 x 32 mm
<b>Weight</b>	412 g
<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Operating Humidity</b>	5 ~ 90% Relative Humidity
<b>Operating Temperature</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Certifications</b>	CE, FCC, IC, RCM
<b>Zero Config Plug-n-Play</b>	Yes
<b>Cloud insights</b>	Yes
<b>Stand-alone mode</b>	Yes