MIKROTIK

# FiberBox Plus

## Ultimate value pick for 10 Gigabit outdoor networking.

High masts, poles, or towers – your connection will be safe!

**4X10 GIGABIT SFP+ PORTS**

**GIGABIT ETHERNET PORT**

**WEATHERPROOF IP66 OUTDOOR CASE**

**DIRECT UPGRADE FOR EXISTING FIBERBOX SETUPS**

**RouterOS V7 / SwitchOS**

**MULTIPLE POWERING OPTIONS:**
POE-IN, DC JACK, 2-PIN TERMINAL

**SUPPORTS -48V TELCO POWERING!***



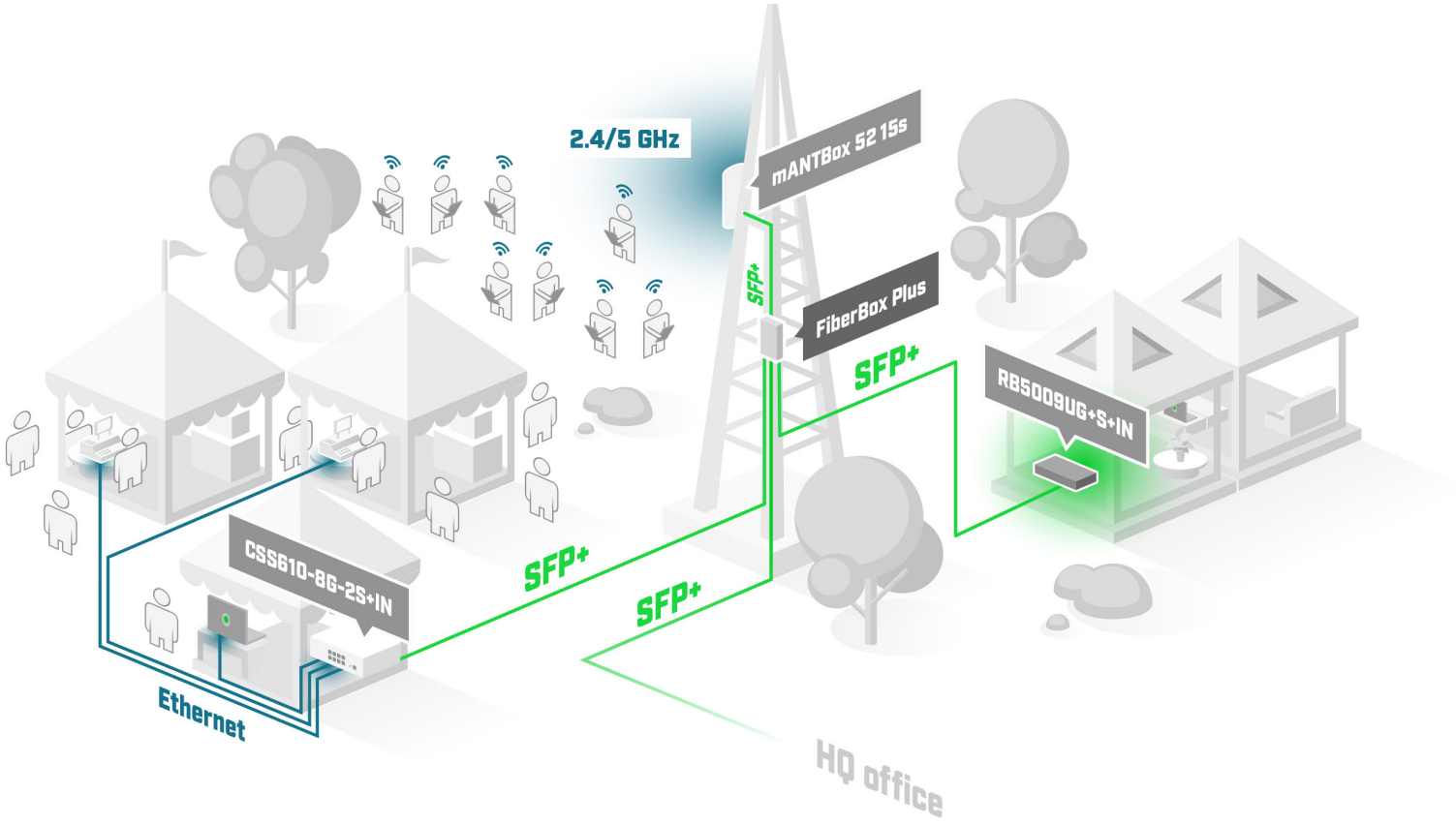
There are two ways to look at the brand new Fiber Box Plus. On the one hand, it's a **massive upgrade** of our previous FiberBox devices. This version features a **modern ARM CPU, more RAM**, and **four 10-Gigabit SFP+ ports**. Fast and reliable connectivity on a budget. Without the distance limitations of Ethernet. There's also a **Gigabit Ethernet** port for management purposes or **PoE-in** powering. We've also included a **2-pin terminal** and a standard **DC jack**, so you have **3 different power options** to choose from. FiberBox Plus supports a wide input voltage range of 24-57V. And it is remarkably efficient: maximum power consumption (without attachments) is only 7W!






Another way to look at the new FiberBox Plus – it's a budget version of the amazing netFiber 9. You can save a lot of money if you don't need the extra Gigabit SFP ports. It even features the same impressive **Marvell 98DX226S switch-chip**, so the performance is definitely there!

This rugged outdoor switch is perfect for connecting mast devices. Like the mANTBox 52 or the LHG XL 52. Imagine a huge campsite with several guest houses, a food court, and the owner's cabin. You can connect all the locations with the FiberBox Plus.  One of the fiber connections can be used for the mANTBox base station – to provide general connectivity for the guests. Another connection could go to the owner's house. And the third could be used in the food court – to connect their payment and inventory servers.




Usually, you would need some kind of a junction box to keep everything safe. But our FiberBox Plus comes with a **solid water resistance rating of IP66**. That means **protection against powerful water jets from any direction**. So in the campsite scenario, your setup is not only safe from all kinds of crazy weather, but it can also withstand young pranksters with a garden hose. Not to mention damp basements, elevator shafts, seaport infrastructure, and so on. With FiberBox Plus, you have nothing to worry about.



## Specifications

| | |
|---|---|
| Product code | CRS305-1G-4S+OUT |
| CPU | 98DX226S 800 MHz |
| CPU architecture | ARM 32bit |
| CPU core count | 1 |
| Size of RAM | 256 MB |
| Storage | 16 MB, Flash |
| Number of 1G Ethernet ports | 1 |
| Number of 10G SFP+ ports | 4 |
| Switch chip model | 98DX226S |
| Dimensions | 330 x 200 x 70 mm |
| Operating system | RouterOS v7, License level 5 / SwitchOS |
| Operating temparature | -40°C to +70°C |

## Powering

| | |
|---|---|
| Number of DC inputs | 3 (PoE-in, DC jack, 2-pin terminal) |
| PoE-in input Voltage | 42-57 V 802.3af/at |
| DC jack input Voltage | 24-57 V |
| 2-pin terminal input Voltage | 24-57 V |
| Power adapter nominal voltage | 48 V |
| Power adapter nominal current | 1.2 A |
| Max power consumption (without attachments) | 7 W |
| Max power consumption | 17 W |

## Included parts



48 V 1.2 A power adapter



Gigabit PoE injector



Hose clamp



Fastening set



Screw set

* *-48V power is NOT compatible with PoE-in and +24V (or any other minus grounded PSU)! We strongly suggest using the included power supply.*