CRS504-4XQ-OUT

Affordable, compact, energy-efficient
100 Gbps networking anytime, ANYWHERE!

The next step in upgrading existing 10 or 25 Gigabit outdoor networks.

4X 100 GIGABIT QSFP28 PORTS

BACKWARD COMPATIBLE WITH 40G, 25G, 10G, AND 1G CONNECTIONS

WEATHERPROOF IP66 ENCLOSURE

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

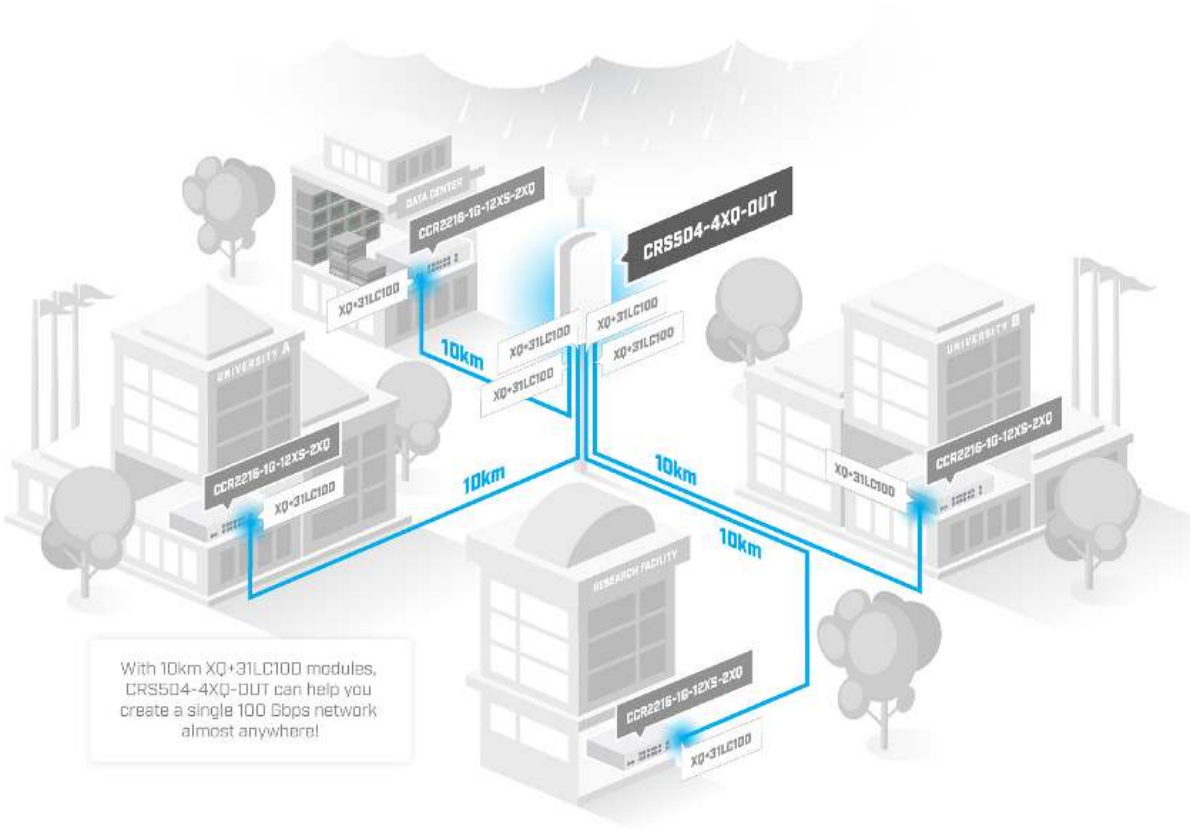
MANAGEMENT & CONSOLE PORTS



Should high-quality 100 Gigabit connectivity be limited to indoors only? Definitely not! That's why we created the **CRS504-4XQ-OUT**: a versatile, cost-effective, ultra-fast weatherproof switch for all your outdoor needs.



At the core of this masterpiece, we have an incredible **Marvell Prestera switch chip**. And there are **four 100 Gigabit QSFP28 ports**. Use them to connect other 100 Gigabit devices or grab a breakout cable to connect multiple 25 Gigabit devices. Here's where the speedy switch chip really shines: each port is connected to four 25 Gigabit lines. That means you're getting up to 16 high-speed fiber interfaces from a single outdoor switch! You can mix and match all kinds of connections this way: 100 Gigabits on one port, 40 Gigabits on the other, 4x25 Gigabits on the third, and maybe even some 10G or 1G cables on the fourth. And all this versatility comes in a sturdy, weatherproof IP66-rated enclosure. This rating proves it's strong enough to handle powerful water jets from any direction!



When it comes to outdoor event planning, you can never be too prepared. So having **multiple powering options** is a must! And CRS504-4XQ-OUT has got you covered: there's a standard **DC jack**, a **2-pin terminal**, and 802.3bt **PoE-in**. We've also kept the good old **management and console ports** – to help you deal with any unexpected situations.



Performance-wise, **CRS504-4XQ-OUT** is a real workhorse that can handle **VLANs, ACL, MLAG, Jumbo frames**, and so much more – even some **L3 hardware offloading**! The mighty Marvell Prestera switch chip dominates most tasks without blowing the **power consumption** up – only up to **25W** (without attachments).



Stop waiting for the perfect weather – invest in the perfect tools!

Specifications

Product code	CRS504-4XQ-OUT
CPU	QCA9531 650 MHz
CPU architecture	MIPSBE
CPU core count	1
Size of RAM	128 MB
Storage	32 MB, Flash
Number of 100M Ethernet ports	1
Number of 100G QSFP28 ports	4
Switch chip model	98DX4310
IP rating	IP66
Dimensions	330 x 200 x 70 mm
Operating system	RouterOS v7, License level 5
Operating temparature	-40°C to +70°C

Powering

Number of DC inputs	3 (PoE-in, DC jack, 2-pin terminal)
PoE-in input Voltage	43-57 V 802.3bt
DC jack input Voltage	36-57 V
2-pin terminal input Voltage	36-57 V
Power adapter nominal voltage	48 V
Power adapter nominal current	0.95 A
Max power consumption (without attachments)	25 W
Max power consumption	38 W

Included parts



48 V 0.95 A power adapter



Gigabit PoE injector



Hose clamps



Fastening set



Screw set