

Fiber XG

UISP-FIBER-XG

Mechanical

Dimensions	100 x 100 x 27 mm (3.9 x 3.9 x 1.1")
Weight	220 g (0.49 lb)
Enclosure material	UV-stabilized polycarbonate

Hardware

Networking interface	(1) SC/APC, ITU-G.987 XGPON WAN port(1) 100/1,000/2,500 MbE RJ45 LAN ports
Management interface	Ethernet in-bandPON
PoE interface	(1) PoE in, 24V DC passive PoE
Memory	256 MB DDR
Onboard flash storage	32 MB NOR
Max. power consumption	6W
Power method	USB-C 5V DC, 3A24V DC passive PoE
Power supply	5V DC, 3A power adapterPassive PoE 2-pair (4, 5+; 7, 8-)
Supported voltage range	5V DC adapter10–30V DC passive PoE
Total non-blocking line rate	Downstream: 9.95 Gbit/sUpstream: 2.44 Gbit/s
Normal TX range of optical module	2 to 7dBm
Normal RX range of optical module	-9 to -27dBm
Button	(1) Factory reset
Ambient operating temperature	-15 to 45° C (5 to 113° F)
Ambient operating humidity	10 to 95% non-condensing
Certifications	CE, FCC, IC

Fiber

Operating wavelength	TX: 1,270nmRX: 1,577nm
Line code	Scrambled NRZ
Physical reach	20 km

LEDs

Power

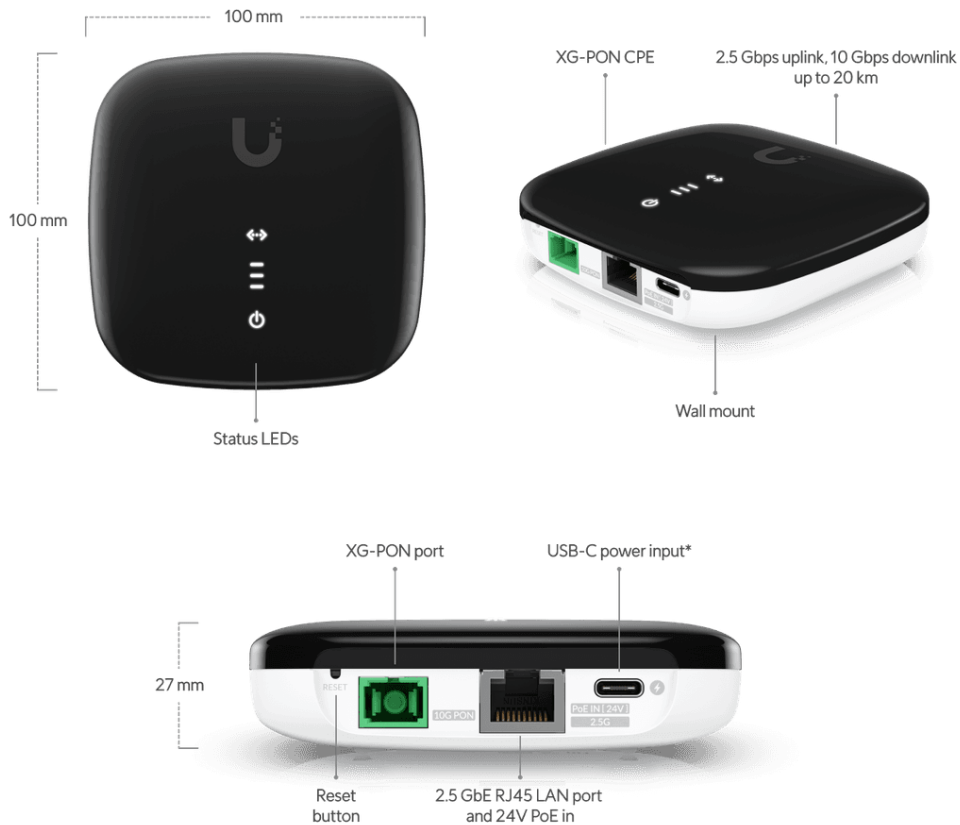
White: ON

Ethernet

Steady white: link up
Blinking white: activity
OFF: link down

PON status

(3) signal LEDs
All-OFF: bootup
1x orange: signal too low (< -27 dbm)
1x white: signal low (\geq -27 dbm)
2x white: signal good (\geq -24 dbm)
3x white: signal strong (\geq -12 dbm)
1x orange + 2x white: signal too strong (\geq -9 dbm)
3x orange: no signal
LEDs alternate between orange + white + orange and a signal strength indicator: no authority



*USB-C 5V DC, 3A adapter included.