

MBX

(CAT-12, CAT-20 and 5G)

Hardware Reference Guide

© Peplink

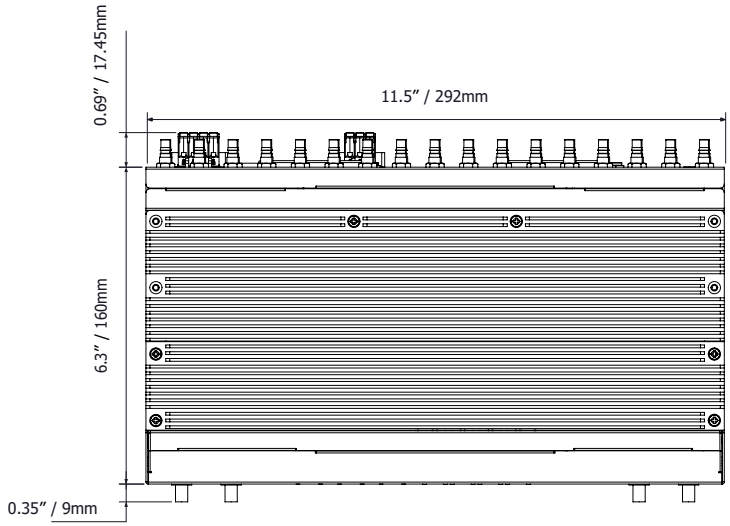
ref: 2609 - v01

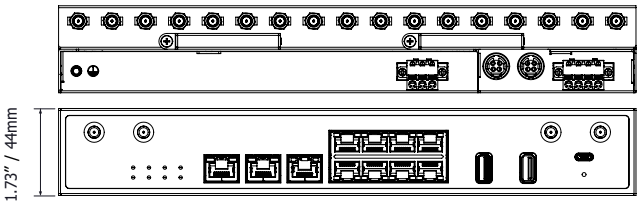
MBX

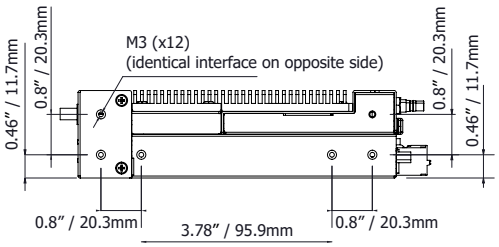
Packing List Information

HD2 MBX (CAT-12) / HD4 MBX (CAT-12) / HD2 MBX (CAT-20) / HD4 MBX (CAT-20) / HD2 MBX 5G / HD4 MBX 5G

Router



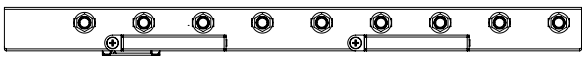




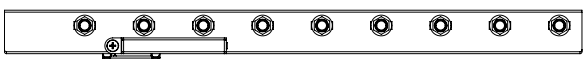
HD2 MBX (CAT-12)[1]



HD4 MBX (CAT-12)[1]



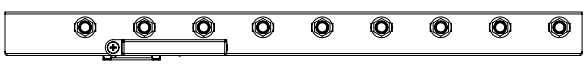
HD2 MBX (CAT-20)[1]



HD4 MBX (CAT-20)[1]



HD2 MBX 5G[1]



HD4 MBX 5G[1]



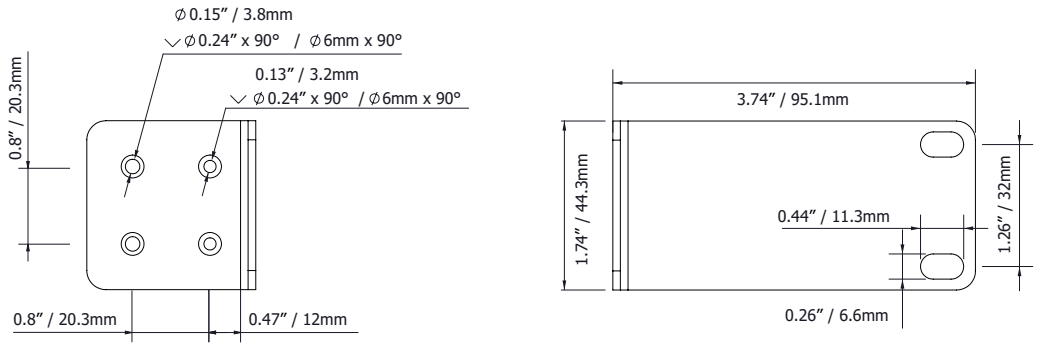
[1] Product expansion modules are determined by SKUs.

MBX

Packing List Information

HD2 MBX (CAT-12)

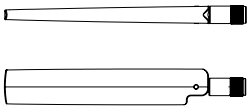
Accessories



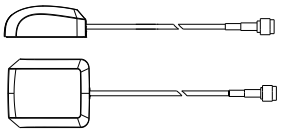
Ear L-Mount Kit for MBX
(2 pcs)



Wi-Fi Dual Band Antennas
(4 pcs, RP-SMA Male)



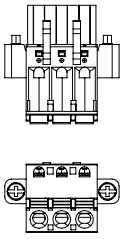
LTE Antennas
(4 pcs, SMA Male)



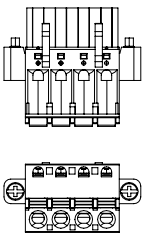
GPS Active Antenna
(1 pc, SMA Male)



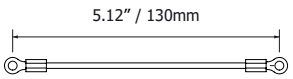
Rubber Feet
(4 pcs)



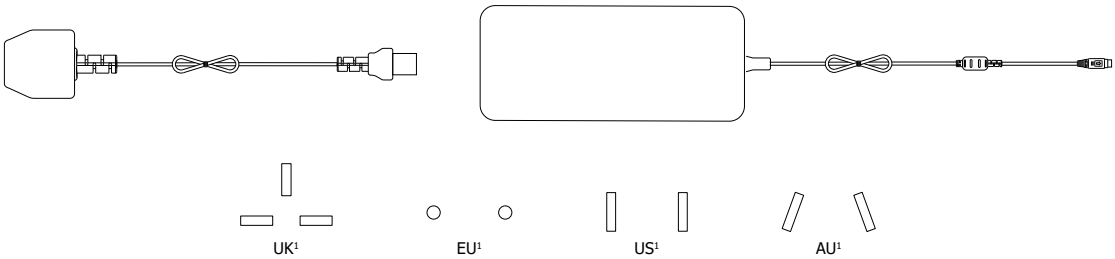
3-Pin
Terminal Block
(1 pc)



4-Pin
Terminal Block
(1 pc)



Grounding Cable
(1 pc)



54V 3.34A 4-Pin Power Supply
(1 pc)

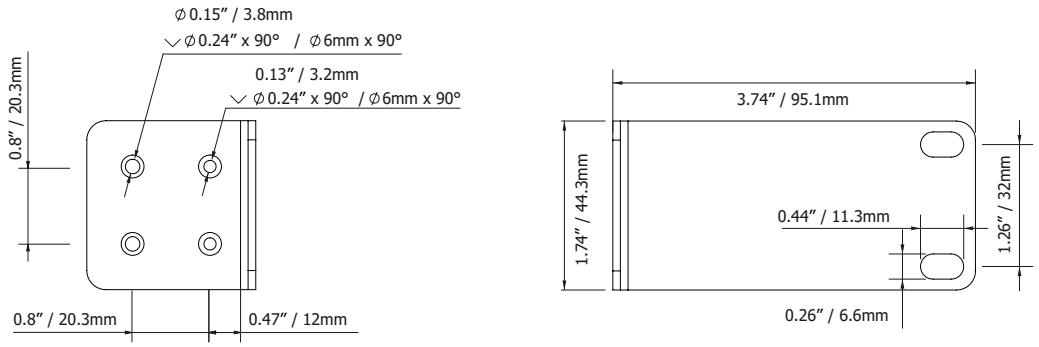
[1] The power supply plug will be different based on the delivery address.

MBX

Packing List Information

HD2 MBX (CAT-20) / HD4 MBX (CAT-12)

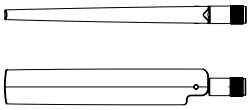
Accessories



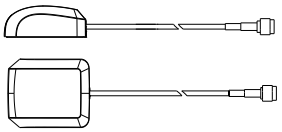
Ear L-Mount Kit for MBX
(2 pcs)



Wi-Fi Dual Band Antennas
(4 pcs, RP-SMA Male)



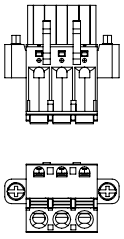
LTE Antennas
(8 pcs, SMA Male)



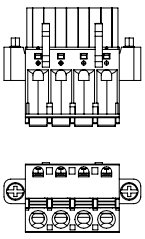
GPS Active Antenna
(1 pc, SMA Male)



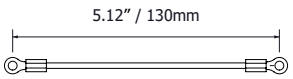
Rubber Feet
(4 pcs)



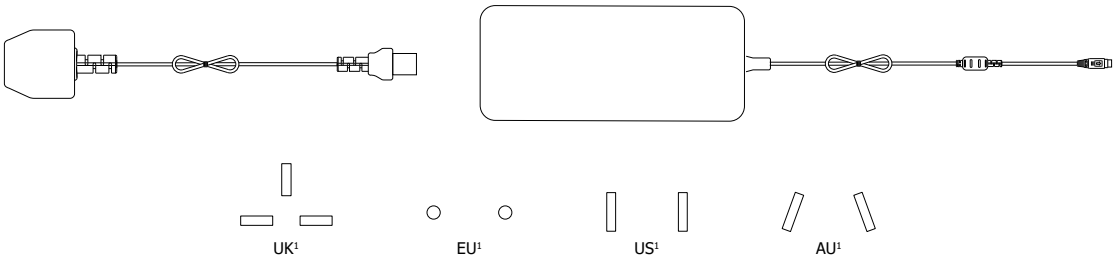
3-Pin
Terminal Block
(1 pc)



4-Pin
Terminal Block
(1 pc)



Grounding Cable
(1 pc)



54V 3.34A 4-Pin Power Supply
(1 pc)

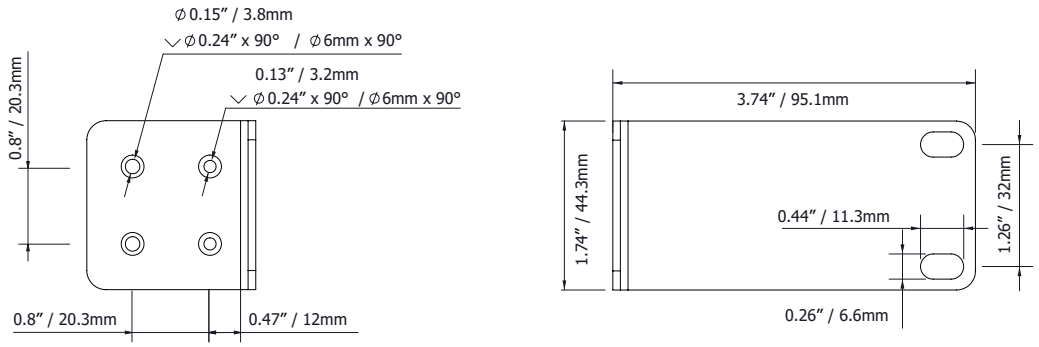
[1] The power supply plug will be different based on the delivery address.

MBX

Packing List Information

HD4 MBX (CAT-20)

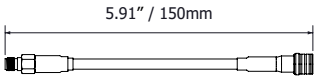
Accessories



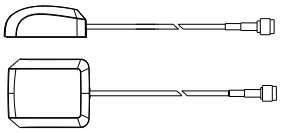
Ear L-Mount Kit for MBX
(2 pcs)



Wi-Fi Dual Band Antennas
(4 pcs, RP-SMA Male)



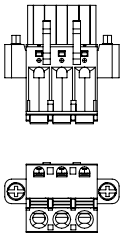
QMA to SMA Adapter
(1 pc)



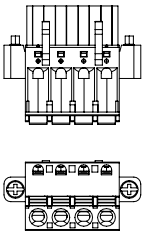
GPS Active Antenna
(1 pc, SMA Male)



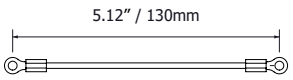
Rubber Feet
(4 pcs)



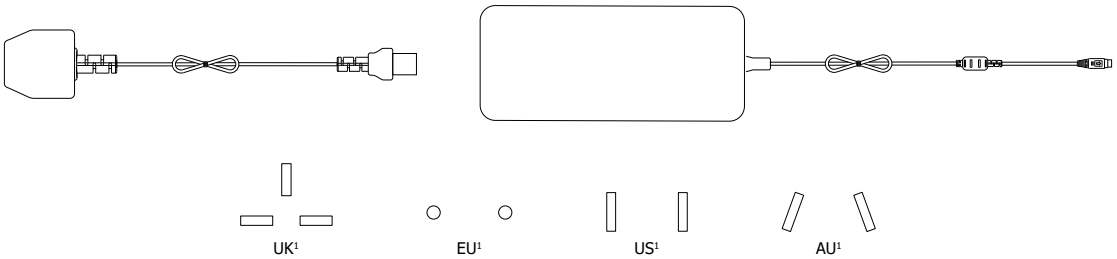
3-Pin
Terminal Block
(1 pc)



4-Pin
Terminal Block
(1 pc)



Grounding Cable
(1 pc)



54V 3.34A 4-Pin Power Supply
(1 pc)

[1] The power supply plug will be different based on the delivery address.

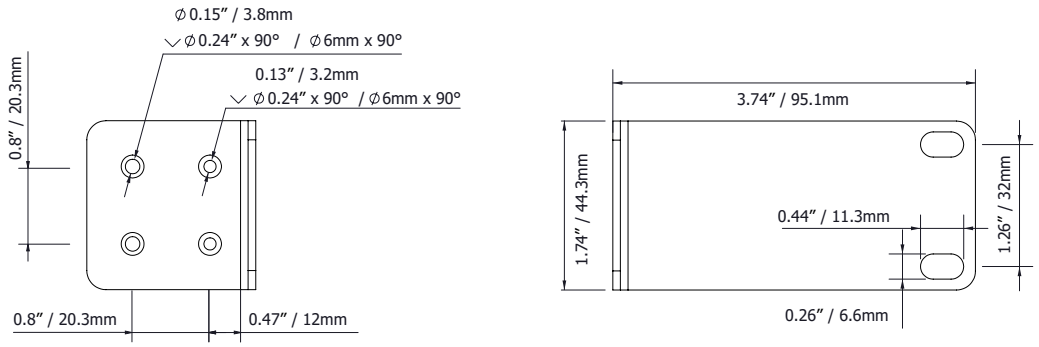
* Cellular antennas are not included. To enhance the MBX, Mobility and Maritime antennas are recommended.

MBX

Packing List Information

HD2 MBX 5G

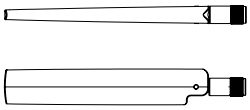
Accessories



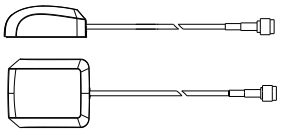
Ear L-Mount Kit for MBX
(2 pcs)



Wi-Fi Dual Band Antennas
(4 pcs, RP-SMA Male)



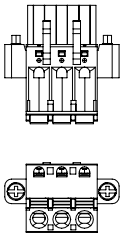
LTE Antennas
(8 pcs, SMA Male)



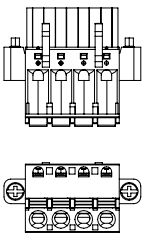
GPS Active Antenna
(1 pc, SMA Male)



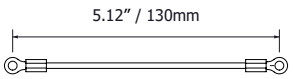
Rubber Feet
(4 pcs)



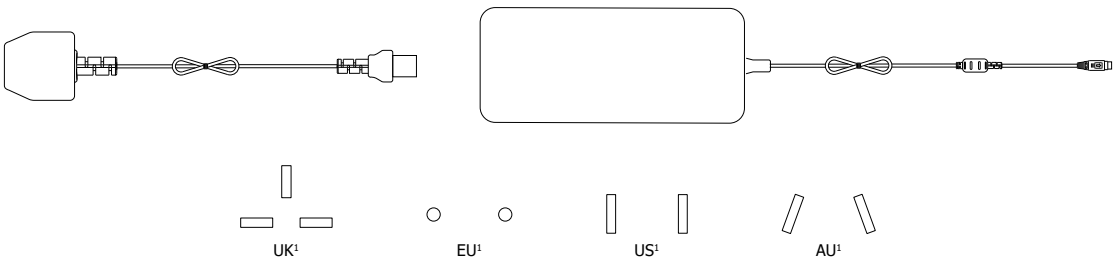
3-Pin
Terminal Block
(1 pc)



4-Pin
Terminal Block
(1 pc)



Grounding Cable
(1 pc)



54V 3.34A 4-Pin Power Supply
(1 pc)

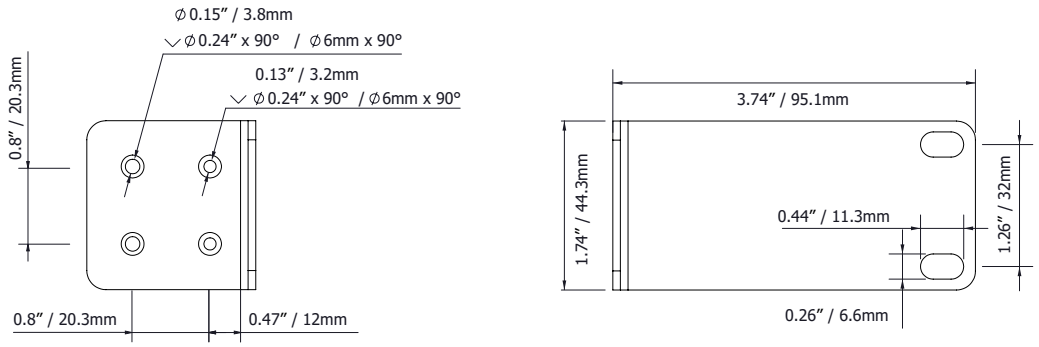
[1] The power supply plug will be different based on the delivery address.

MBX

Packing List Information

HD4 MBX 5G

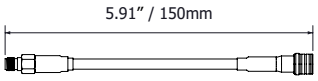
Accessories



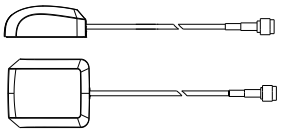
Ear L-Mount Kit for MBX
(2 pcs)



Wi-Fi Dual Band Antennas
(4 pcs, RP-SMA Male)



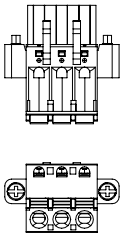
QMA to SMA Adapter
(1 pc)



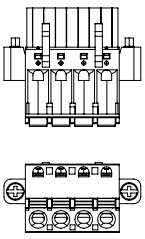
GPS Active Antenna
(1 pc, SMA Male)



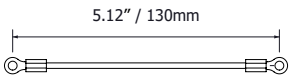
Rubber Feet
(4 pcs)



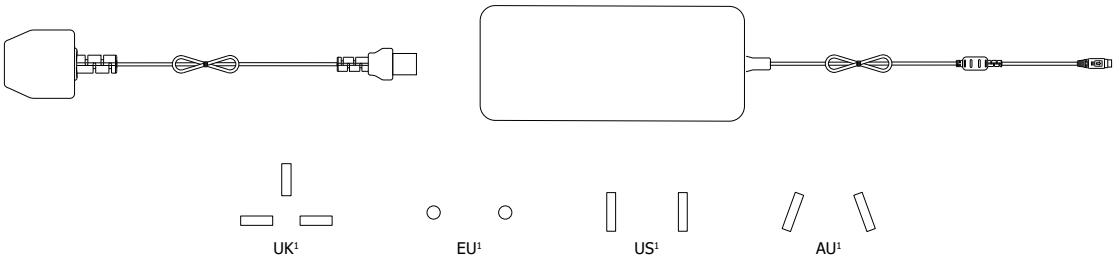
3-Pin
Terminal Block
(1 pc)



4-Pin
Terminal Block
(1 pc)



Grounding Cable
(1 pc)



54V 3.34A 4-Pin Power Supply
(1 pc)

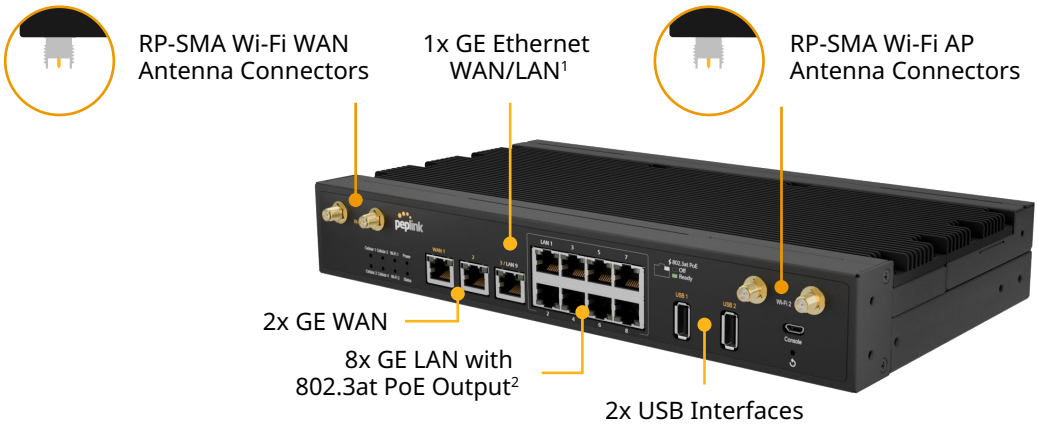
[1] The power supply plug will be different based on the delivery address.

* Cellular antennas are not included. To enhance the MBX, Mobility and Maritime antennas are recommended.

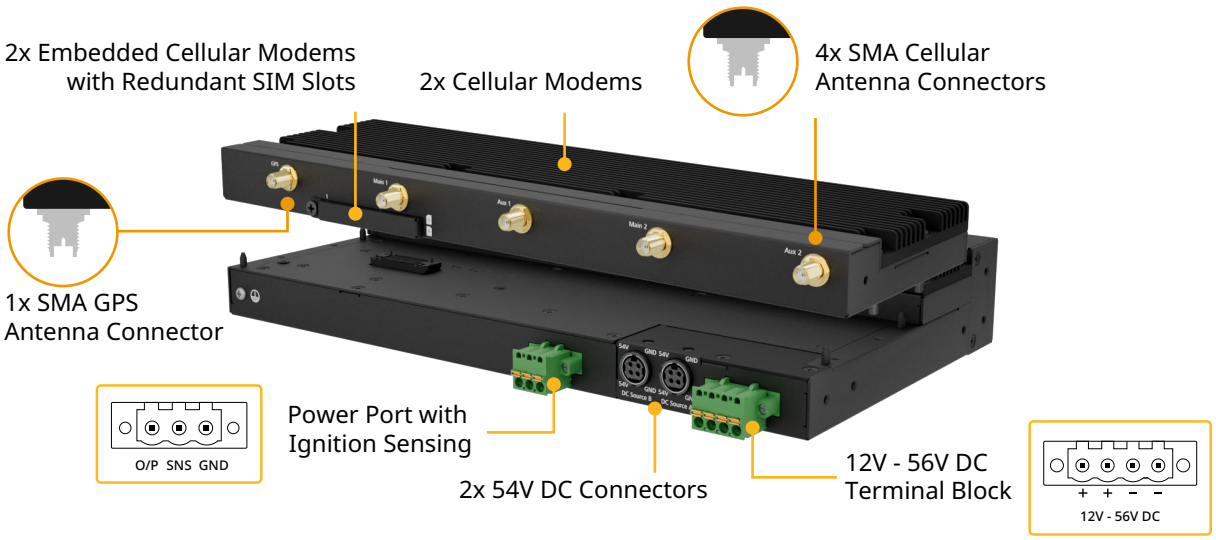
MBX

Interface Layout

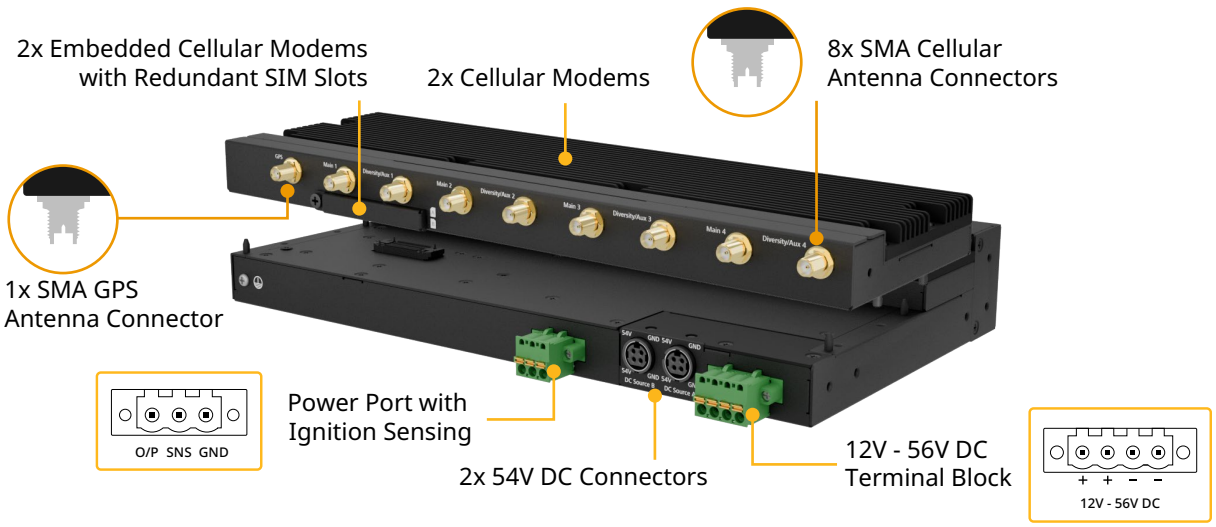
Expansion Module for HD2 MBX



HD2 MBX (CAT-12)



HD2 MBX (CAT-20)

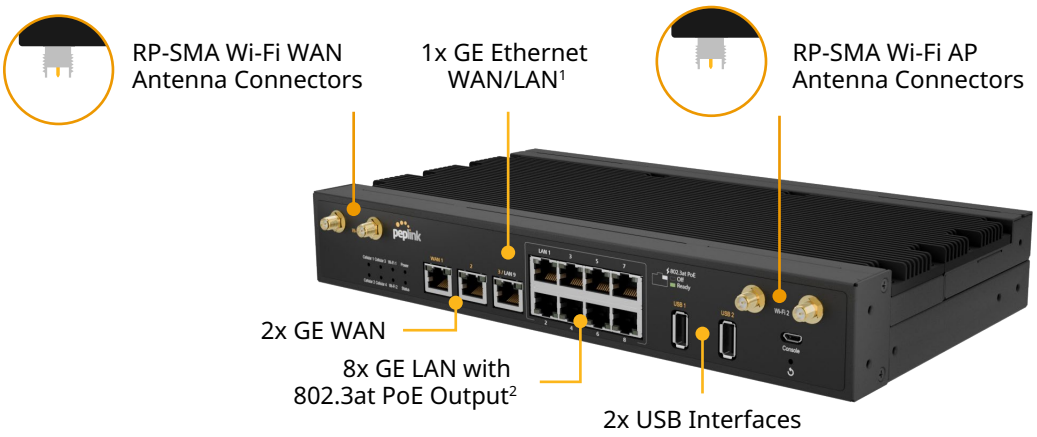


[1] WAN 3 is configured as a LAN port by default; this can be changed in the Web Admin.

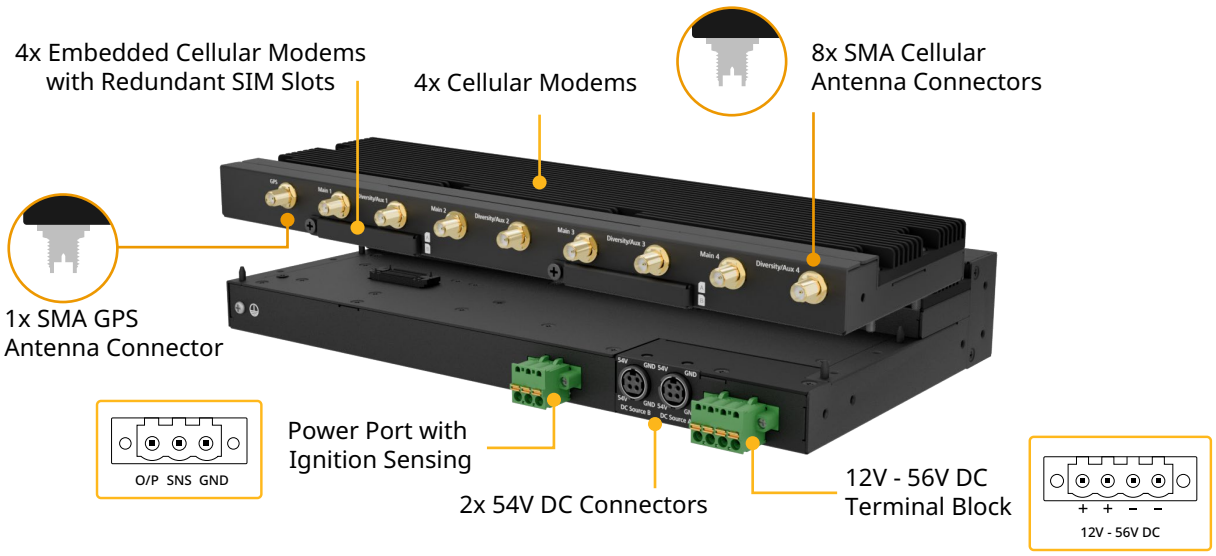
[2] With a single 54V power supply, the PoE budget is 125W, which can power up to four Ethernet ports at full power. To run all Ethernet ports at full power, connect a second 54V power source.

Interface Layout

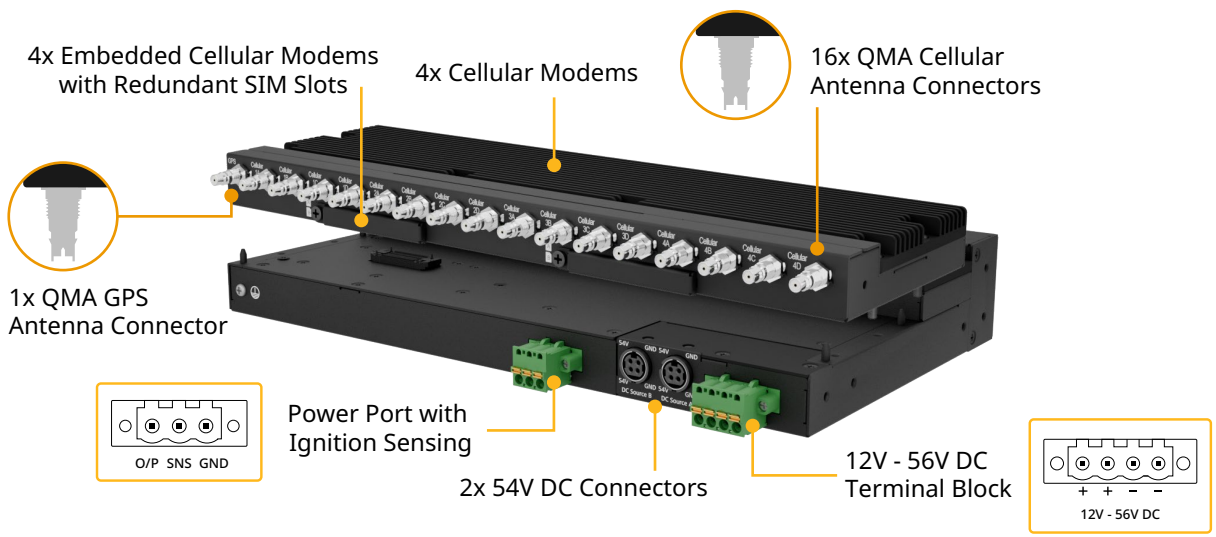
Expansion Module for HD4 MBX



HD4 MBX (CAT-12)



HD4 MBX (CAT-20)



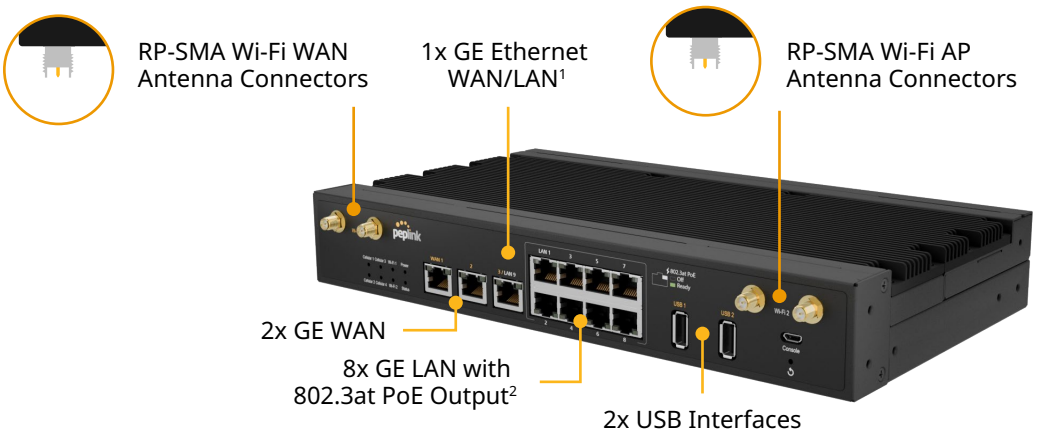
[1] WAN 3 is configured as a LAN port by default; this can be changed in the Web Admin.

[2] With a single 54V power supply, the PoE budget is 125W, which can power up to four Ethernet ports at full power. To run all Ethernet ports at full power, connect a second 54V power source.

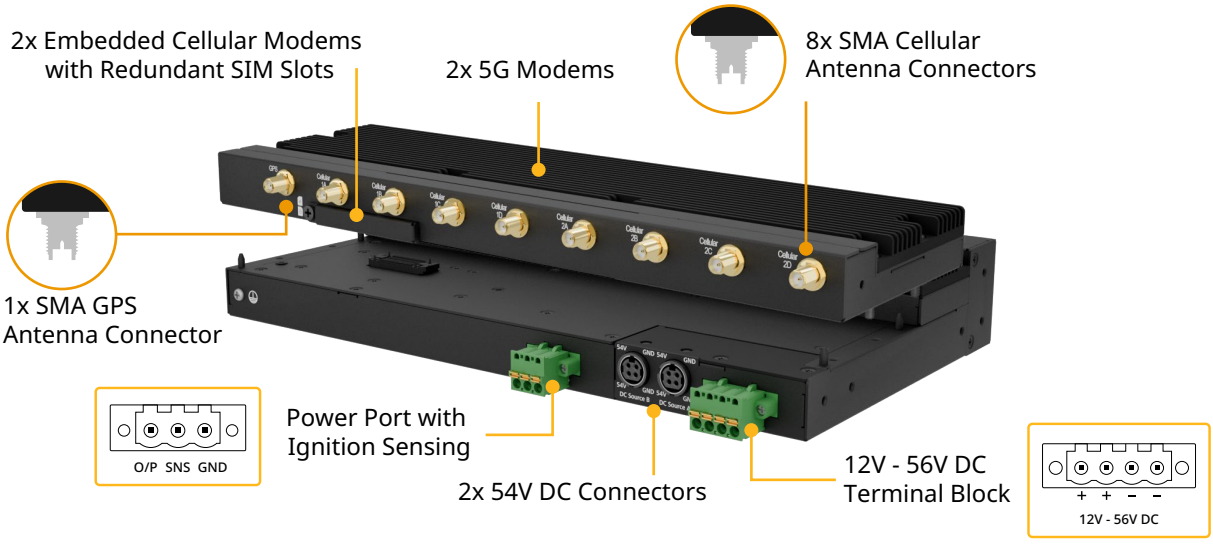
MBX

Interface Layout

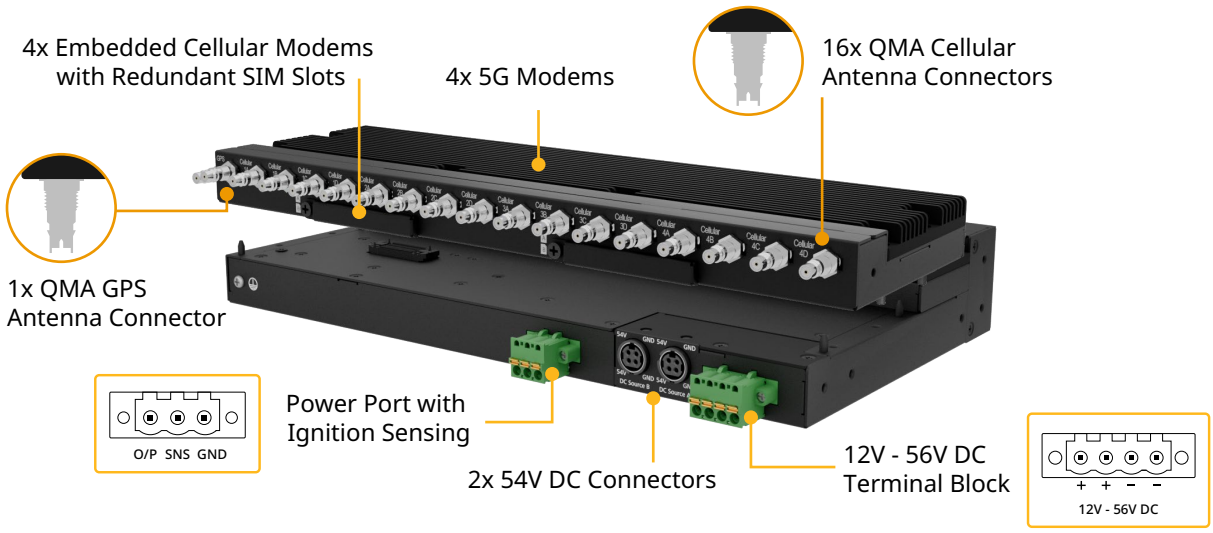
Expansion Module for HD2 MBX 5G & HD4 MBX 5G



HD2 MBX 5G



HD4 MBX 5G



[1] WAN 3 is configured as a LAN port by default; this can be changed in the Web Admin.

[2] With a single 54V power supply, the PoE budget is 125W, which can power up to four Ethernet ports at full power. To run all Ethernet ports at full power, connect a second 54V power source.