

SEAMLESS CONNECTIVITY

WIFI SOLUTION 2.0

ACCESS POINT



Introducing WiFi 2.0, an advanced hardware solution offering faster connection speeds and expanded signal coverage.

This solution optimizes signal stability and reach within the printable area, enhancing overall performance. It also facilitates seamless streaming from the two cameras located at the nozzle, providing clear real-time insights into material extrusion and the printing process.

WiFi 2.0 is retrofitable to COBOD BOD2 installation without the need for significant modifications.

For further information about the solution, please contact your regional sales representative.

[Read more](#)

TECHNICAL SPECIFICATIONS

Access Point Location	Bottom of the X-Main Carriage / Universal Carriage
Access Point Dimensions	Ø48.5 mm x 159.5 mm Ø1.91 in x 6.28 in
Access Point Weight	400 g 0.88 lbs
Access Point Materials	Polycarbonate and Aluminum
Weatherproofing**	IP65 Rating
Power Method	PoE (48V, 0.32A PoE Adapter Included)
Access Point Connection	Ethernet cable from the Access Point to one of the POE ports on the switch located at the bottom of the X-Main Carriage / Universal Carriage.
Supported Voltage Range	44- 57 V DC
Power Consumption	11.4 W
Operating Temperature	-30 to 60° C -22 to 140° F
Signal Coverage Area	140m ² 1500 ft ²
Installation Hardware	Ethernet + Bluetooth Network Cable POE Switch or Injector (POE-af) Silicon Glue Hex Wrench (size 4 and 5)

* With WiFi Solution 2.0 it is still recommended that the stationary operator is hard wired into the printer with an ethernet cable. The existing WiFi antenna should still be connected to the router when using ST Mode.

** Proper installation of the entire assembly ensures compliance with IP65 rating standards.