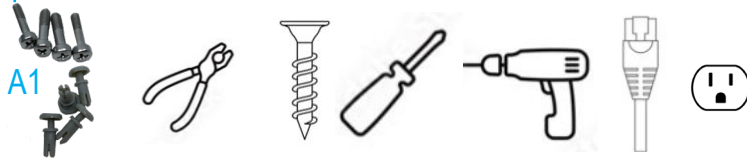


BINMASTER

QUICK SETUP GUIDE

BCGW.XXXXE-C100-SBR

BINCLOUD GATEWAY



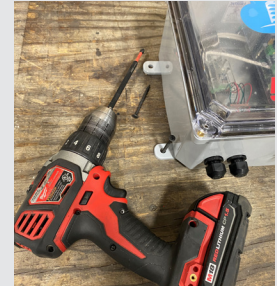
Tools needed: drill and bit, phillips screwdriver, drywall/ wood screws, ethernet cable, pliers. Screws and plastic plugs, A1, can be used to secure the top cover.

STEP 1

Choose a wall location to mount your Gateway. Make sure there is access to a 120VAC outlet and, preferably, an ethernet connection.

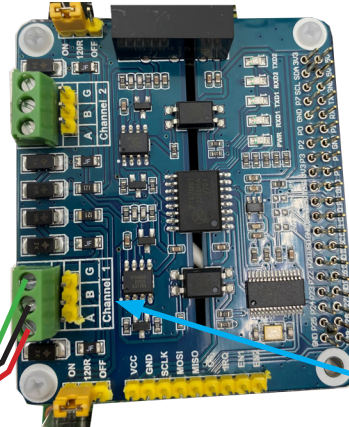
STEP 2

Attach mount brackets to the enclosure with the included screws. Brackets fit on protruding screwholes on the back of the enclosure. Then, use drywall screws and attach unit to the wall.



C-100 Console

Board inside C-100 unit.



Board inside Gateway unit.



BinCloud Gateway

STEP 3

BinCloud Gateway to C-100

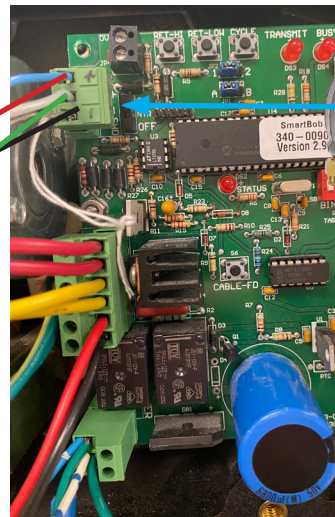
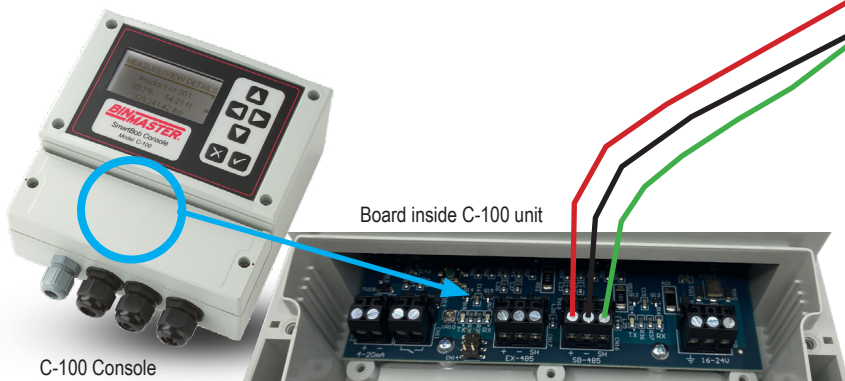
Gateway has two RS485 connections, Channel 1 and 2.

- Connect Channel 1, Terminal A to C-100 SB485(+).
- Connect Channel 1, Terminal B to C-100 SB485(-).
- Connect Channel 1, Terminal G to C-100 SH Terminal



STEP 4

- Connect C-100 SB485(+) to the SBR Terminal RS485(+)
- Connect C-100 SB485(-) to SBR Terminal RS485(-)
- Optional: Connect C-100 SHD Terminal to SBR SH Terminal



STEP 5 PLUG IN!

- Connect the Gateway ethernet plug to a network port, router or switch.
- Plug SmartBob and Gateway units into the 120VAC outlet.
- Wait 25 minutes and call BinMaster at 1-800-278-4241 to confirm the internet connection.
- BinMaster will create a custom cloud page with your specific bins, tanks, silos, sizes, locations, etc. We'll chat about your page during the connection verification call.



FIREWALL RULES FOR BINCLOUD GATEWAY

Direction Outbound	Ports	For these IPS	IP Addresses
TCP	80, 433		All
UDP	5959-5961		52.38.107.102
			52.25.64.249
			34.221.219.221
			54.218.6.237
UDP	5959-5970		52.39.255.60
			54.71.174.229
			52.88.4.160
			34.217.159.41
			34.213.84.184
			52.43.176.61
			35.162.54.59
			52.42.122.172
			44.224.165.129
			44.226.176.44
			44.237.66.197
			44.238.4.218
			54.184.44.101
			44.228.115.25
			44.230.239.2
			44.236.20.68
			44.236.200.9
			44.236.76.190
			44.239.243.92
			44.240.35.27

Direction Outbound	Ports	Region	IP Addresses
UDP	20000-40000	USA	All
UDP			54.212.116.92
UDP			52.12.114.120
UDP			52.87.228.243
UDP			3.88.21.119
UDP			34.223.7.202
UDP		Europe	54.93.100.223
UDP			18.195.88.21
UDP			18.184.70.5
UDP		India	15.207.116.15
UDP			13.127.230.228
UDP		SE Asia	13.212.70.205
UDP			13.212.30.222
UDP		Asia	18.182.42.125
UDP			13.230.250.171
UDP			18.179.34.24
UDP		Japan	52.69.206.76
UDP			18.179.57.238