

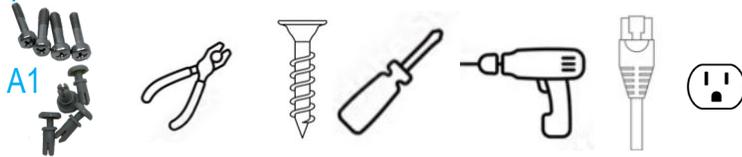


# **BINMASTER**

## QUICK SETUP GUIDE

BCGW.XXXXE-C100-SBR

# BIN CLOUD GATEWAY



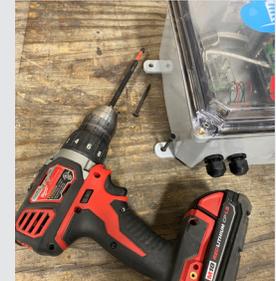
Tools needed: drill and bit, phillips screwdriver, drywall/ wood screws, ethernet cable, pliers. Screws and plastic plugs, A1, can be used to secure the top cover.

### STEP 1

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

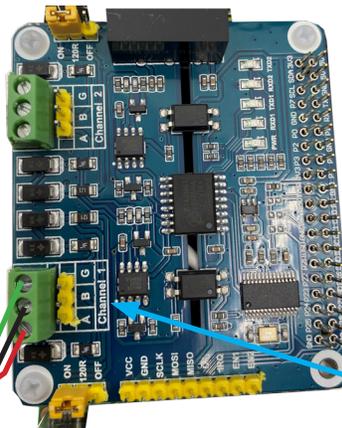
### STEP 2

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

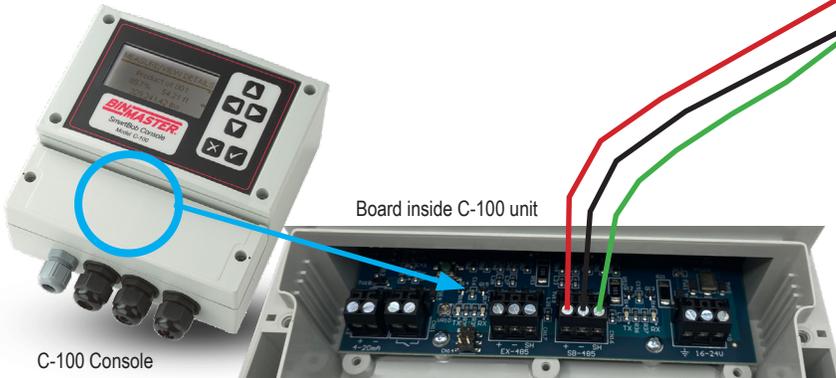
#### BinCloud Gateway to C-100

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