NB7006C Smart Network Bridge

App, voice and smart-home control for CBM motors



01 Technical specifications

Model	NB7006C	**Radio frequency**	433.92 MHz
Network	2.4 GHz Wi-Fi (b/g/n) or Ethernet	**Compliance**	FCC Part 15
Power	USB-C (5 V DC)	**Capacity**	Up to 30 motors
Ports	USB-C power, Ethernet	**Timers, rooms, scenes**	Up to 20 each
Dimensions (L × W × H)	2-15/16″ × 2-15/16″ × 1-3/16″	**Operating temperature**	−5 °C to +50 °C
Use	Indoor only	**Dimensions [mm]**	[75 × 75 × 30]

02 Compatible motors

CR25LC	Rechargeable Standard Motor
CR28LC	Rechargeable Plus Motor
CR45LUQ	Rechargeable HD Motor
CA35	120 V AC Motor
CR28DC	24 V DC Motor
CE25	External Battery Motor
CDC24E	Cellaris™ Motor
CDC24E-TD	Cellaris™ Top-Down Motor

03 Works with

- ✓ Amazon Alexa
- ✓ Google Assistant
- ✓ SmartThings
- ✓ IFTTT
- ✓ Control4, Crestron, ELAN, URC, RTI

Package contents

- ✓ 1 × NB7006C Smart Network Bridge
- ✓ 1 × USB-C cable
- ✓ 1 × Ethernet cable

04 Setup

1. **Download the app.** Install the Connector app (App Store or Google Play).
2. **Power the bridge.** Plug in the USB-C cable.
3. **Connect to the network.** Plug the Ethernet cable into the router, or join 2.4 GHz Wi-Fi in the app. The light turns solid blue when ready.
4. **Pair the motors.** Hold the program button for about 2 seconds, then release (light flashes purple). Add each motor in the app.
5. **Link smart home.** Connect voice assistants and smart-home systems from the app.

05 Status light

—	**Solid blue**	Working normally
- - -	**Slow flashing red**	Network disconnected
- - -	**Slow flashing yellow**	Network connected
· · · · · ·	**Quick flashing red**	Bridge reset (5 flashes)
- - -	**Slow flashing purple**	Pairing in progress
- - -	**Slow flashing green**	Firmware updating

06 Placement and reset

- Place the bridge centrally and in the open, clear of concrete walls, corners and appliances (refrigerators, microwaves).
- Keep at least 8″ [20 cm] between the bridge and your body during installation and use (FCC RF exposure).
- Reset: hold the program button for about 10 seconds, then release. The light flashes red 5 times.

07 Troubleshooting

Problem	What to do
Bridge won't join Wi-Fi	Use a visible (not hidden) 2.4 GHz network; the bridge can't use 5 GHz. Re-enter the password and move the bridge closer to the router. With several access points or a mesh system, turn off all but one during setup. Or connect with the Ethernet cable instead.
Light flashes red slowly	The network is disconnected. Check the Ethernet cable and the router. If the router or Wi-Fi password has changed, reconnect the bridge to the network in the app.
Motor not found when pairing	Make sure the light is flashing purple. Pair one shade at a time, using that shade's own remote channel, and put the motor into programming mode as the app shows.
Shades respond slowly or only sometimes	Move the bridge to a central, open spot away from concrete, metal and appliances. Try Ethernet to rule out weak Wi-Fi. Large homes may need a second bridge.
Alexa or Google can't find the shades	First check the shades work in the app. Link the same account, avoid duplicate room names, then ask the assistant to discover devices again.
Home automation system can't find the bridge	Put the bridge and the controller on the same network (subnet or VLAN), with client isolation off and multicast allowed. Check with the integrator.
Still not working	Before a reset, note the light colour and whether the bridge is on Wi-Fi or Ethernet. A reset clears the setup, so the bridge and motors then need to be set up again. Contact CBM Customer Service.