

Commercial Sensors with Speaker

Rear Sensors

- Mount 4 sensors on the top rear and 4 on the bottom rear.
- Daisy-chain sensors #8 → #1 using the sensor harnesses.
- Use the 15ft (5M) bridge cable between Sensor #5 and #4 to jump from roof sensors to bumper sensors.
- After chaining all sensors, run the 35ft cable from Sensor #1 to the front and plug it into the “Sensors Input” on the Sensor Brain.

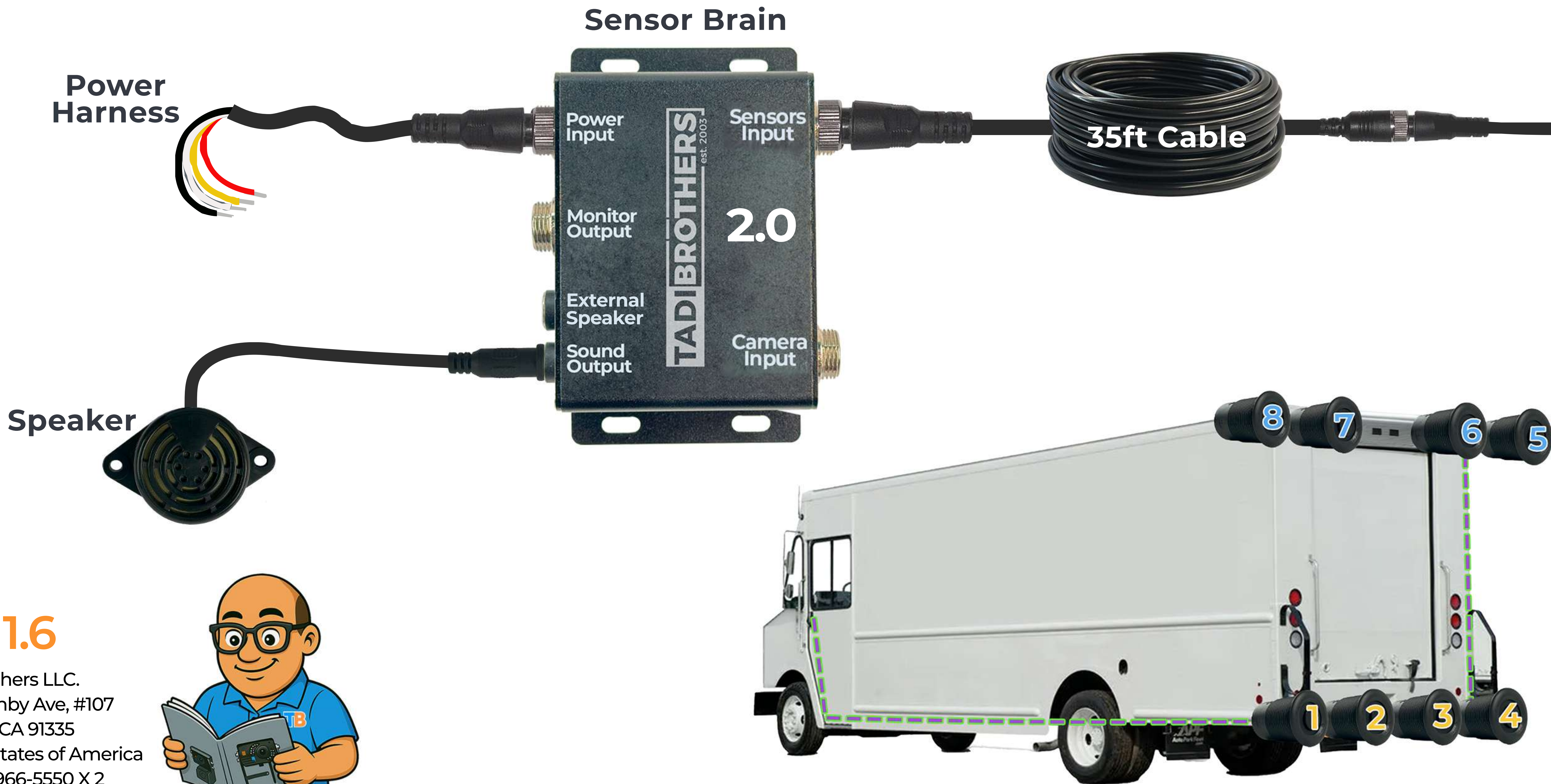
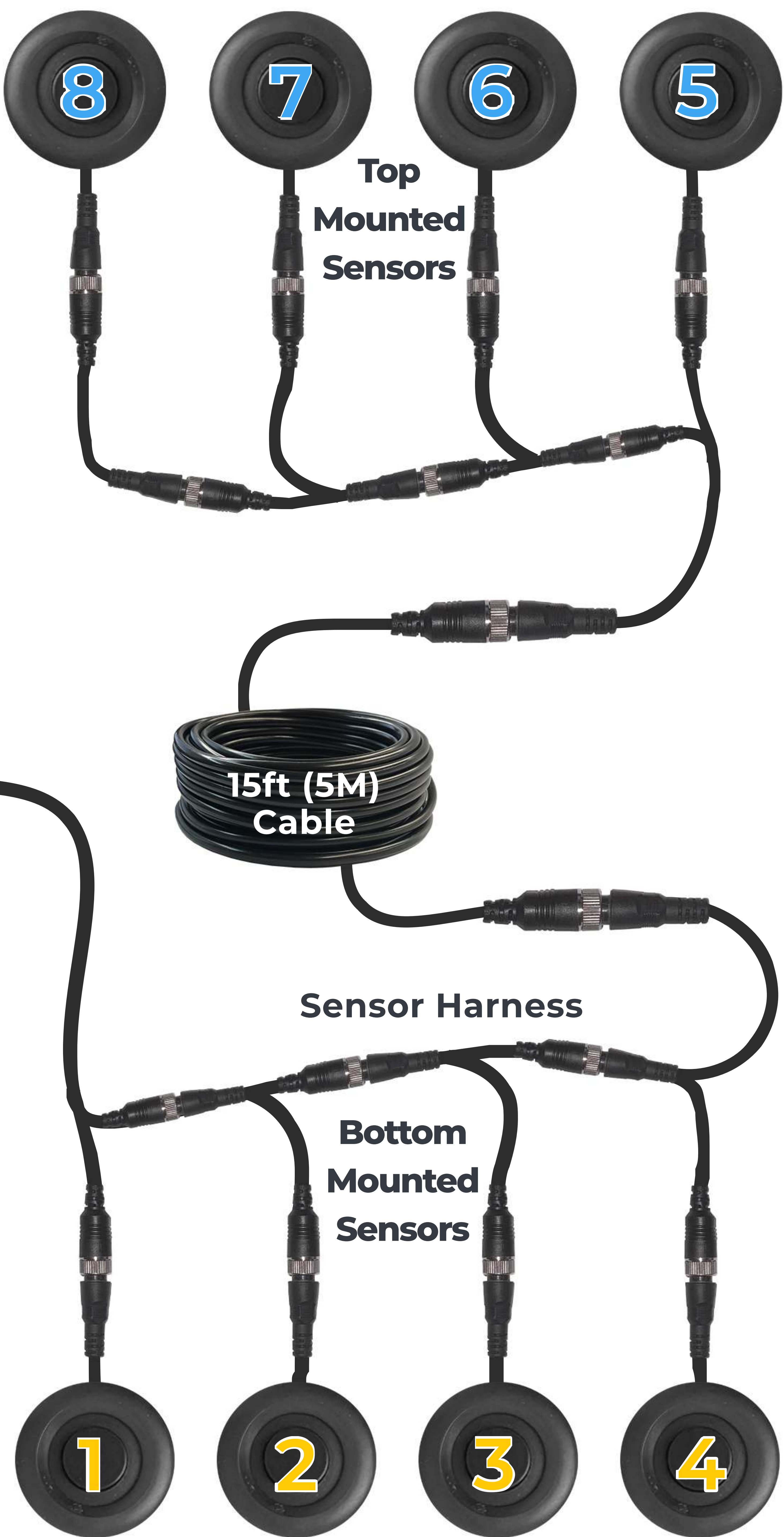
2. Internal Alert Speaker

- Mount the speaker in the cabin and plug it into the “Sound Output” port.

3. Power Connections (Sensor Brain)

- **Red** → Reverse (+)
- **Black** → Ground (-)
- **Yellow** → ACC / Ignition (+) (Standard rear install)
- OR
- **White** → ACC / Ignition (+) (Ignore rear step / hitch / attachments)

Note: if installing on a tractor trailer the sensor chain will need to connect to a quick disconnect harness on the trailer



Commercial Sensors with Overlay

Rear Sensors

- Mount 4 sensors on the top rear and 4 on the bottom rear.
- Daisy-chain sensors #8 → #1 using the sensor harnesses.
- Use the 15ft (5M) bridge cable between Sensor #5 and #4 to jump from roof sensors to bumper sensors.
- After chaining all sensors, run the 35ft cable from Sensor #1 to the front and plug it into the “Sensors Input” on the Sensor Brain.

2. Rear Camera

- Mount the rear camera (top-center recommended).
- Route the second 35ft cable to the front and plug into “Camera Input.” in the sensor brain, this will activate the overlay

3. Side Cameras

- Mount driver and passenger side cameras (see placement diagram).
- Run each 18ft camera cable to the Sensor Brain area.

4. Monitor Installation

- Mount the monitor using the included U-bracket.
- Connect the monitor harness and route it to the Sensor Brain.
- Use a 4-Inch Aviator cable to connect “Monitor Output” → Channel 1 (enables sensor overlay).
- Connect side cameras to CH3 and CH4.
- CH2 is for an optional front camera.
- Connect monitor power Red to 12V, Yellow to ACC, Black to ground (-).
- Trigger wires automatically switch the selected camera to full-screen.

5. Internal Alert Speaker

- Mount the speaker in the cabin and plug it into the “Sound Output” port.

6. Power Connections (Sensor Brain)

- **Red** → Reverse (+)
- **Black** → Ground (-)
- **Yellow** → ACC / Ignition (+) (Standard rear install)
- OR
- **White** → ACC / Ignition (+) (Ignore rear step / hitch / attachments)

