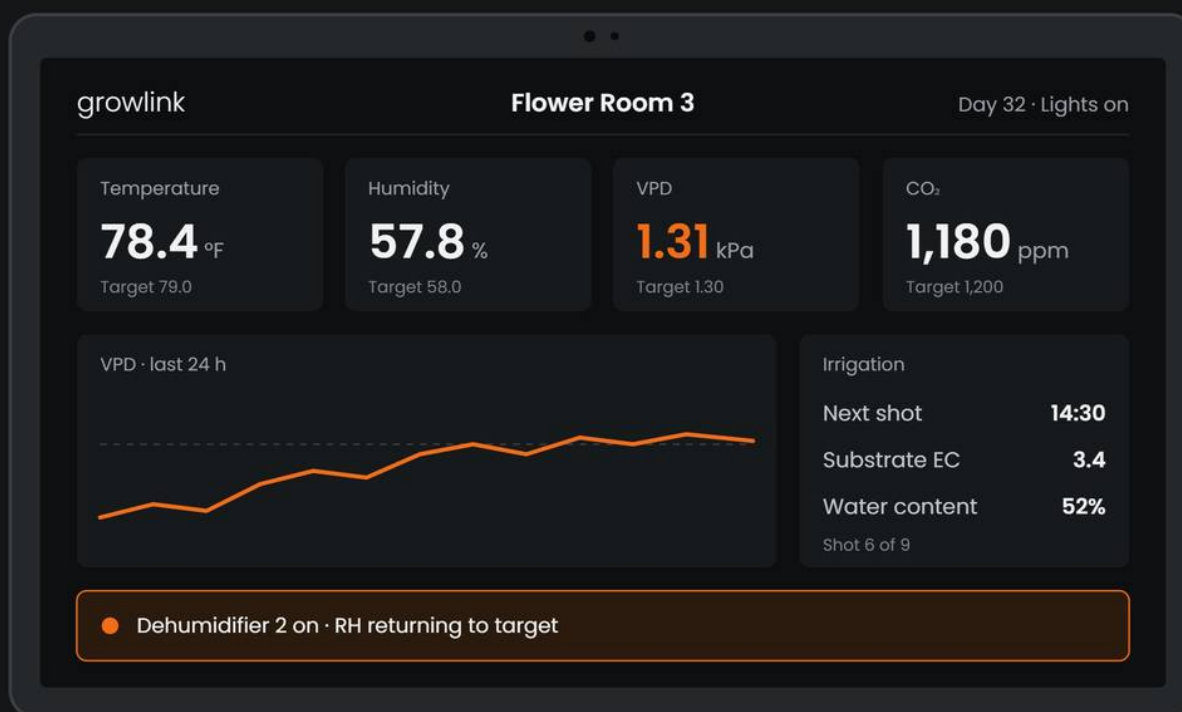


USER MANUAL

displayLINK

15.6" Grow Room Panel

Installation, setup and safety



Read this manual before installing. Keep it with the panel.

Model [MODEL NO.] · Rev 1.0 · 09/2026



Before you install

Read every warning before mounting or wiring the panel.

- **Power.** Use only the supplied adapter or a PoE source rated [802.3af / 802.3at].
- **Wiring.** De-energize circuits before connecting relay, I/O or serial terminals. Qualified personnel only, to local code. Never exceed the relay contact rating of [RATING].
- **Location.** Install in the hallway outside the grow room, beside the entry. Do not install inside the grow room.
- **Environment.** Operate at 0–40 °C (32–104 °F) and 20–80% RH. Do not mount where the panel can be sprayed, washed down or exposed to condensation.
- **Placement.** Keep vents clear. Do not mount directly under HVAC discharge or near irrigation lines.
- **Mounting.** Fix the panel to a flat, vertical surface. Never leave it leaning or unsecured.
- **Cables.** Route cables clear of foot traffic and carts. Replace a damaged adapter or cable immediately.
- **Storms and shutdowns.** Disconnect power during electrical storms and extended shutdowns.
- **Cleaning.** Use a dry or lightly damp soft cloth and mild cleaner. No alcohol, solvents or facility sanitizers on the screen.
- **Service.** Do not open the panel. Contact Growlink Support for repair.

In the box

displayLINK panel	1	Bracket U (4-point mount)	1
Power adapter	1	PM4.0 × 20 mm screws	3
Bracket C (2-point mount)	1	KM3.5 × 12 mm screws	5
User manual	1		

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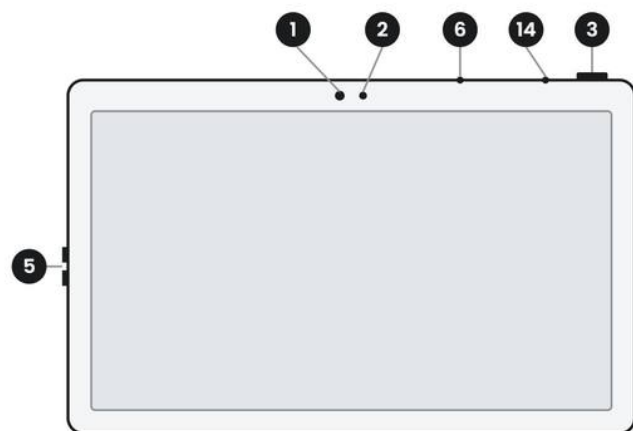
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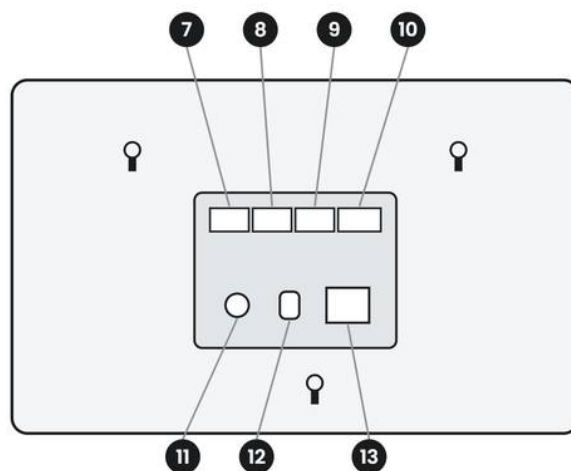
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Panel overview

Controls and sensors sit on the front, top and left edge. Every connection lands on the rear housing.



Front, top and left edge



Rear housing

1 Camera 5 MP

2 Light sensor

3 Power button

5 Speaker 2 × 2 W

6 Microphones 4-mic array

14 Recovery button Support use only

7 Relay 1 · COM · 2

8 Digital I/O GND · 1 · 2

9 IR GND · IR · VCC

10 Serial A · B · GND · RX · TX

11 DC power in

12 USB-C OTG

13 Ethernet RJ45 with PoE

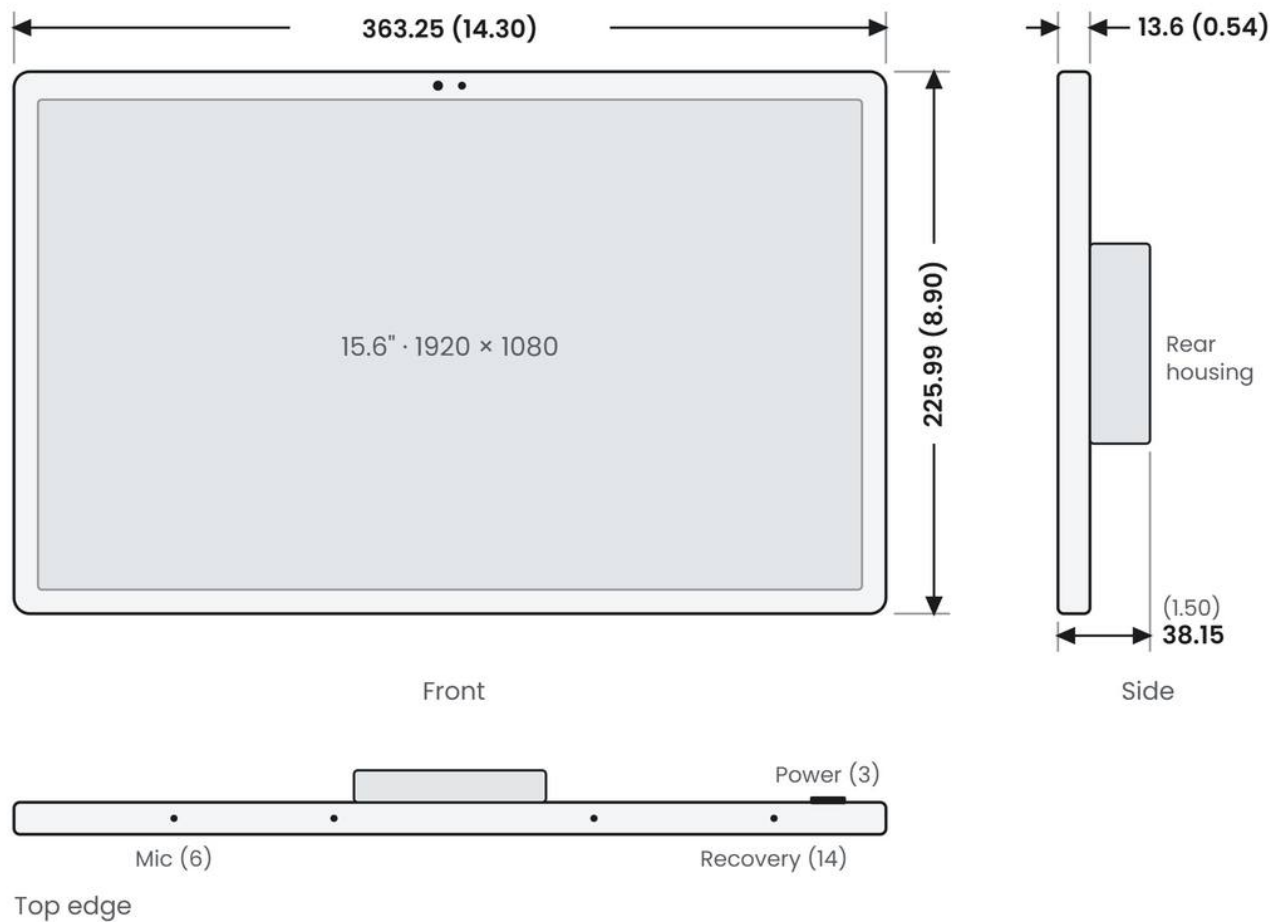
Width × height
363.25 × 225.99 mm
14.30 × 8.90 in

Panel thickness
13.6 mm
0.54 in

Depth with rear housing
38.15 mm
1.50 in

Dimensions

All dimensions in millimetres, inches in brackets. Drawings to scale.

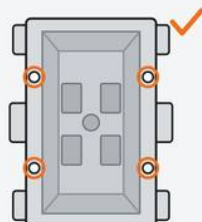


Dimension	mm	in
Width	363.25	14.30
Height	225.99	8.90
Panel thickness	13.6	0.54
Total depth with rear housing	38.15	1.50
Rear housing (W × H), wall cutout	[W × H]	[W × H]
Package (L × W × H)	394 × 260 × 76	15.5 × 10.25 × 3
Shipping weight	2.95 kg	6.5 lb

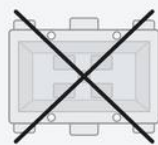
Wall mounting

displayLINK mounts with bracket U on a standard double-gang box, installed vertically.

Mount in the hallway, not the grow room. Use the hallway wall beside the room entry, at eye level. Grow room humidity and wash-down shorten the panel's life.



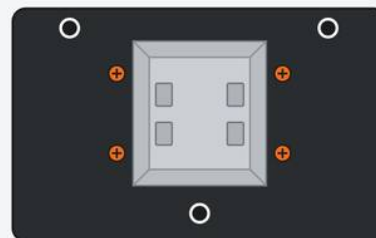
Vertical



Not horizontal

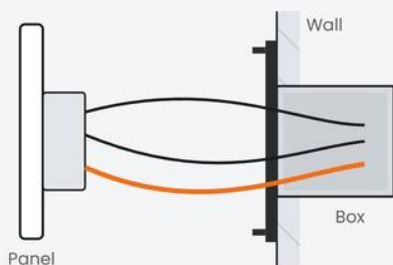
1 Set the box vertically

Install the double-gang box on end, tall rather than wide. The four device-screw holes (orange) sit left and right. Run Ethernet and terminal wiring into the box.



2 Fix bracket U to the box

Center the cutout over the box, studs out. Level it and drive four #6-32 screws (orange) into the device holes.



3 Connect the cables

De-energize circuits. Bring cables out through the bracket. Land terminal wiring, then connect Ethernet (orange) or the DC adapter.



Panel outline shown dashed, keyholes in orange

4 Hang the panel

Line up the three keyhole slots on the back with the three studs. Press in and slide down until the panel locks. Never hang it by its cables.



5 Power up

PoE starts the panel as soon as the port is live. On DC power, plug the adapter into an outlet. Press Power (3) if the screen stays dark.

Wiring and power

RECOMMENDED

Power over Ethernet

One cable carries power and data. Use a switch port or injector rated [802.3af / 802.3at].

ALTERNATE

DC adapter

Use the supplied adapter only. Connect to the network over Wi-Fi or Ethernet.

Rear terminals

Terminal	Pins	Use
Relay (7)	1 · COM · 2	Switch an external circuit. Contact rating [RATING].
Digital I/O (8)	GND · 1 · 2	Door switches, alarm inputs, indicator outputs.
IR (9)	GND · IR · VCC	External infrared receiver.
Serial (10)	A · B · GND · RX · TX	RS-485 on A/B. RS-232 on RX/TX.
DC in (11)	Barrel jack	Supplied adapter only.
USB-C (12)	OTG	Accessories and service.
RJ45 (13)	Ethernet · PoE	Network and power.

De-energize before wiring. Terminal wiring by qualified personnel only, to local code.

Getting connected

- 1 Power on.** The panel starts in the Growlink setup screen.
- 2 Join the network.** Ethernet connects automatically. On Wi-Fi, select the network and enter the password.
- 3 Sign in** with your Growlink account.
- 4 Assign a room.** Select the facility and room. The room's live dashboard loads full-screen.
- 5 Customize.** Press and hold the room name in the top-left corner for 5 seconds to open Settings.

Care and troubleshooting

Wipe with a dry or lightly damp soft cloth and mild cleaner. Keep vents free of dust. No alcohol, solvents or facility sanitizers on the screen.

Problem	Fix
Screen stays dark	Confirm the PoE port or adapter is live. Press Power (3).
No live data	Check the network connection. Confirm the panel is assigned to a room in the Growlink app.
Touch not responding	Clean the screen. Restart with Power (3).
Panel readings differ from room sensors	Expected. The on-board sensor reads hallway air and picks up panel heat. The dashboard shows room conditions from your Growlink sensors.
Panel will not boot	Contact Growlink Support. Use Recovery (14) only when Support directs you to.

Regulatory statements, including FCC and CE, are on page 8.

Regulatory information



FCC statement

FCC ID: [FCC ID] · **Responsible party:** Growlink, [ADDRESS]

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF exposure: This device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.



CE conformity

This product meets the essential requirements of European safety regulations and has passed the product safety conformity assessment procedure. Growlink declares that this radio equipment complies with Directive 2014/53/EU.

EU declaration of conformity: [DOC URL] · **EU contact:** [IMPORTER NAME AND ADDRESS]



Disposal (WEEE)

This symbol means the panel must be disposed of separately from household waste at the end of its life. Return it to an electronics recycling collection point. Contact your local authority or Growlink for details.