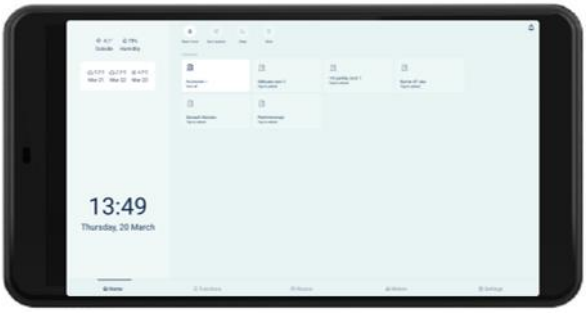
Datasheet

Bisly Hub Light - 5.5” Control Panel

The Bisly 5.5” Hub Light is a compact and smart control panel designed for building automation. It provides a user-friendly interface for managing lighting, zone control, access management, intercom and security settings within residential, commercial and hospitality segments. The device is based on a 5.5" Android tablet with a PoE port for both Ethernet connectivity and power supply.



Device Data

Device parameters	OS	Android 14
	USB	USB-C (data & OTG), 5V2A
Display	Screen	5.5-inch TFT LCD IPS
	Resolution	1080 x 1920 FHD
	Brightness	400cd/m2
	Contrast Ratio	1000:1
	View Angle	80°
	Communication	100Mbit Ethernet TCP/IP
Power	Connection	RJ45 Ethernet PoE
	Consumption	12.5 W (PoE 802.3af)
Touch Panel	Type	Capacitive 5-point multi-touch
Mechanical	Proximity Sensor	Yes
	Dimensions	143.66 x 80.66 x 9.95mm
	Weight	200g
	Mounting solution	Bracket attached to a junction box
	Housing Materials	Metal
Speaker & Mic	Speaker	Box speaker 1.0W
	Mic	Built-in
Environment	Operating Temperature	-10 to 60°C
	Storage Temperature	-20 to 70°C
Certifications	Markings	CE, RoHS

Physical dimensions

Mounting instructions

Important: Installation must be performed by a qualified electrician in accordance with regulations. The screen must be installed in a dedicated electrical junction or conduit box with a **minimum inner diameter of 70mm**.

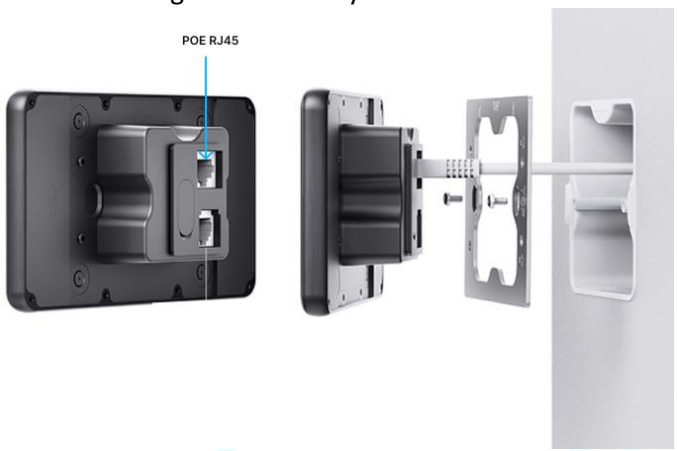
Pre-Installation Checks

- Ensure the installation location is free from direct sunlight, vents, or heat sources.
- Confirm the wall material supports secure mounting.

Installation Steps

1. **Install the Mounting Plate**
    - Secure the metal backplate to the wall with screws.
    - Double-check alignment with a level.

2. **Connect Wiring**
    - Connect the **CAT 5e or better cable** to the back PoE port of the screen.
3. **Attach the Screen**
    - The screen has a built-in magnets and easily attaches to the metal backplate.



Final Check

- When the PoE cable is powered, the screen shall boot up automatically. It might take up to 5 minutes to finish the boot up sequence. Ensure the screen is functioning correctly. If issues arise, verify wiring and connections before troubleshooting further.