

● INTRODUCING

Spark S-110

10-inch IP video intercom indoor monitor.

See who's at the door, talk to them and let them in — from the wall or from your phone. The S-110 also watches your cameras and runs your home alarm zones.



● 10" IPS touch screen

● Full-duplex intercom

● PoE or DC 15 V

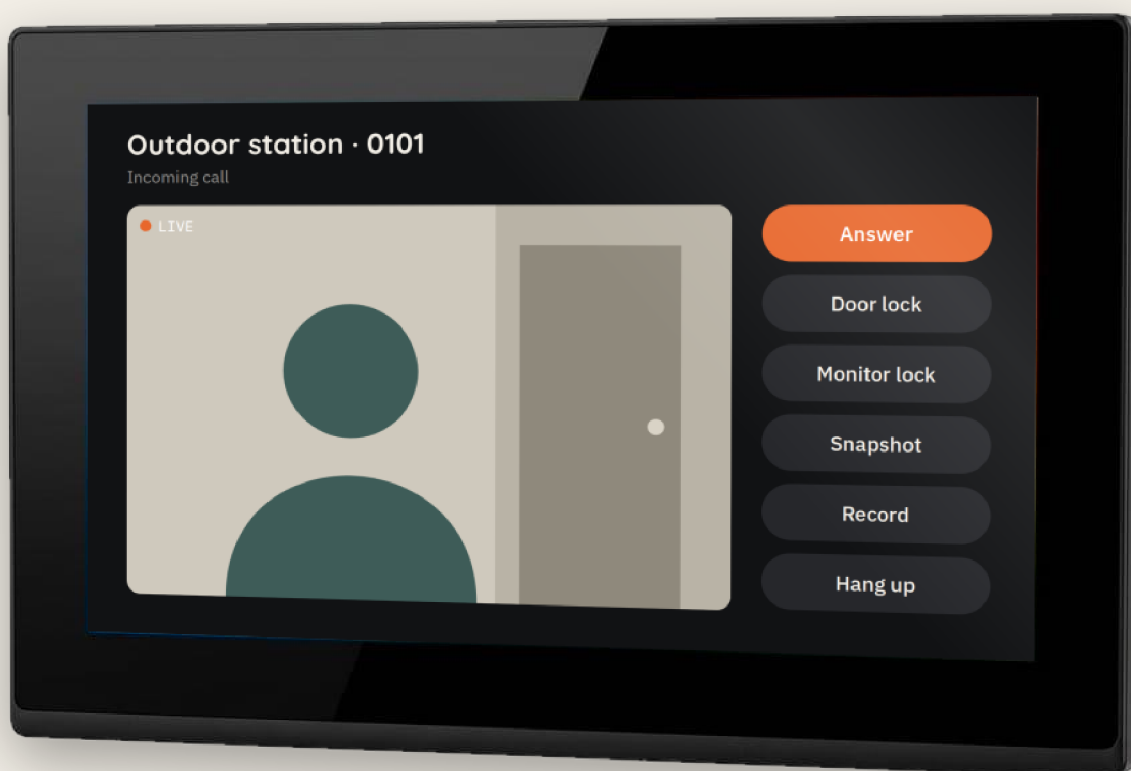
● Wi-Fi + app

● 8 alarm zones

● INCOMING CALL

Someone's at the door. You're already there.

When a visitor presses the call button outside, the S-110 shows them on screen with the outdoor unit's room number. Talk in full duplex, then open the door with a tap.



Answer & talk

Full-duplex digital intercom with the visitor.



Two locks

Unlock the door-station lock or the monitor's own relay lock.



Snapshot & record

Save the call to the records list (SD card).



Call volume

Set how loud the visitor sounds during the call.



Picture

Adjust brightness, contrast and colour.



Messages

Visitors can leave a message when nobody answers (SD card).

● MONITORING

Check the door before anyone knocks.

Look at any outdoor station, villa station or camera whenever you like. Switch channels from a drop-down list, talk through the outdoor unit, and save what you see to the SD card.

01 Switch channels

Pick any online outdoor station, villa station or camera from the list.

02 Add IP cameras

Connect IPC cameras on the same network by ONVIF, with RTSP stream details.

03 Two-way talk

Turn on the intercom while monitoring to speak through the outdoor unit.

04 Snapshot & record

Save pictures (JPG) and video to the SD card, up to 32 GB.

05 Image settings

Adjust brightness, contrast and colour of the video.

06 Unlock from here

Open the door-station lock, or a lock wired to the monitor's own relay.

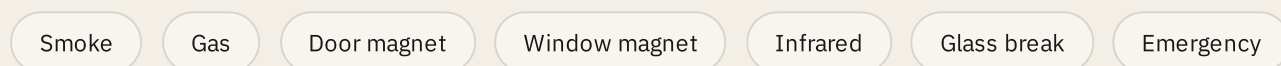


● SECURITY ZONES

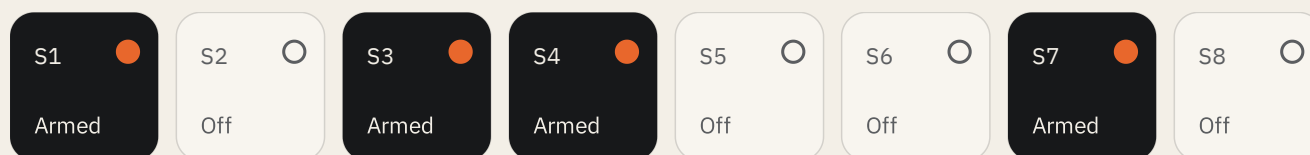
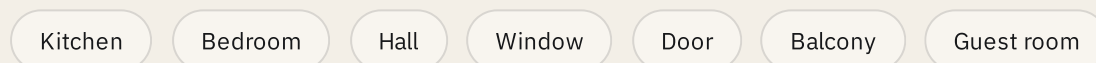
An alarm panel, built in.

Wire sensors straight to the S-110's eight defence-zone inputs. Give each zone a room and a sensor type, arm the house with one tap, and disarm it with your password.

SENSOR TYPES



ZONE LOCATIONS



Eight defence-zone inputs, S1–S8. Zone states shown for illustration.

01 One-tap arming

Arm with a countdown of 30–120 s (default 60 s) to leave the house.

02 NO or NC sensors

Set each zone to normally open or normally closed.

03 Alarm timing

Adjustable trigger delay and siren ringing time.

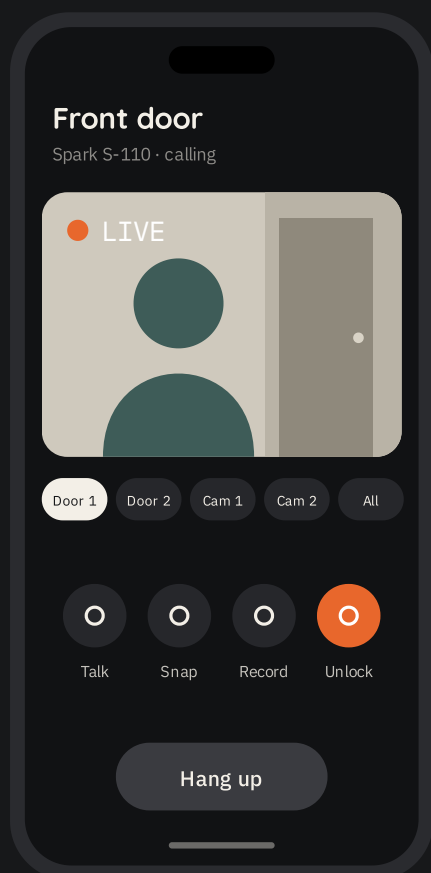
04 Password disarm

Disarm with a six-digit password.

● APP CONTROL

Not home? Answer anyway.

Connect the S-110 to Wi-Fi and pair it with the smartphone app by scanning a QR code on the screen. Door calls then reach your phone wherever you are.

**01 Talk & unlock**

Answer calls, speak to the visitor and unlock the door-station lock.

02 Four views

Switch between door 1, door 2, camera 1, camera 2 — or see all four at once.

03 Record & replay

Take snapshots, record video and play back recordings from the monitor's SD card.

04 Whole family

Share with several phones. Family members all receive call notifications.

05 Motion alerts

Set motion-detection sensitivity and get told if the monitor goes offline.

Only the main account can unlock the door; shared accounts can view and talk. Playback requires an SD card in the monitor.

● SETTINGS

Sounds, screens and quiet nights.

Set the S-110 up the way your household lives — from the ringtone at the front door to how loud it rings at 2 am.



Ringtones

9 ringtones each for door calls, indoor calls, the doorbell and outgoing calls.



Your own ringtone

Load custom music from the SD card.



Night mode

Lower ringtone volume between set hours (default 00:00–08:00).



Wallpaper

Choose the home-screen wallpaper.



Screen saver

Standby shows time, weather and shortcut keys.



Timers

Set ringing, call, screen-saver, unlock and recording times.



INTERFACE LANGUAGES

English

العربية

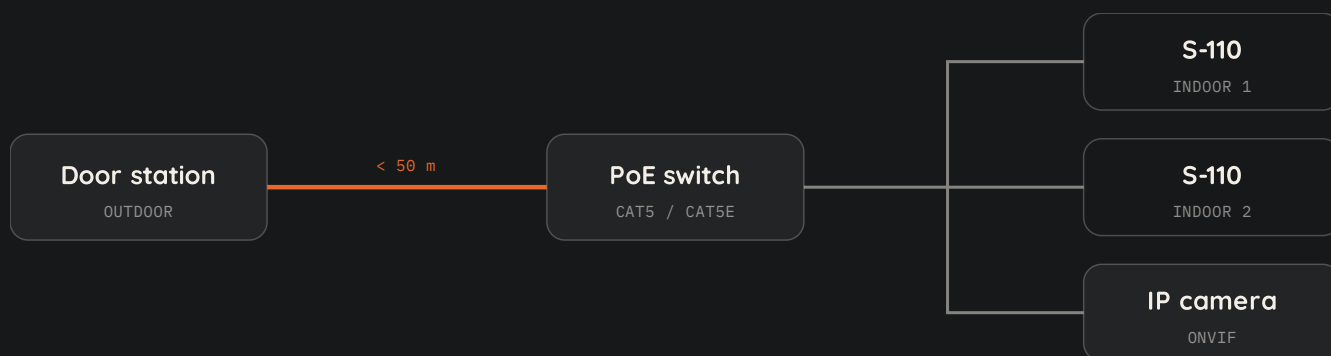
Русский

中文

● FOR INSTALLERS

From one villa to a whole building.

Run the S-110 in villa mode or building-community mode. One Cat5 cable carries video, audio and PoE power from the switch.

**01 Scale**

Fewer than 100 indoor extensions per system; room 0001–9999, extension up to 99.

02 Cabling

Cat5 / Cat5e under 50 m to the door station; RVV 2×1.0 under 10 m for the lock.

03 Indoor intercom

Call other indoor monitors by room number or from the online list.

04 Manage the door station

Add or delete fingerprints and access cards on a compatible outdoor station.

05 Network

DHCP or static IP, wired or Wi-Fi.

06 Updates

Software upgrade from the SD card.

● SPECIFICATIONS

Spark S-110

IP video intercom indoor monitor

SCREEN 10" IPS LCD, touch	RESOLUTION 1024 × 600
OPERATING SYSTEM Linux	VIDEO INPUT Digital, H.264 decoding
INTERCOM Digital full duplex	APP CONTROL Yes, via Wi-Fi
POWER PoE switch or DC 15 V 1 A	WORKING CURRENT DC 15 V, max 350 mA
STANDBY POWER < 2.5 W	WORKING TEMPERATURE −10 °C ~ +50 °C
MOTION DETECTION Yes	PERSON DETECTION Depends on outdoor station
STORAGE SD card up to 32 GB · JPG pictures	NETWORK RJ45 (PoE), Wi-Fi · DHCP / static IP
ALARM INPUTS 8 defence zones (S1–S8), NO / NC	OTHER INTERFACES Lock relay (NO / NC), exit, doorbell, chime, RS-485
INSTALLATION Wall / surface mount, 150–160 cm	LANGUAGES English, Arabic, Russian, Chinese

IN THE BOX

Indoor monitor

Wall bracket

2-pin cable ×2

7-pin cable

10-pin cable

Screws & anchors ×4

User manual



Smart home, quietly intelligent.

[SPARK-HOME.COM](https://spark-home.com)