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.

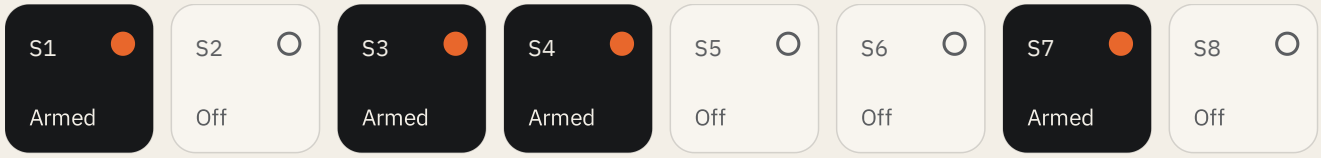
Wire sensors straight to the S-110's eight defence-zone inputs. Give each zone a room and a sensor type, arm the house with one tap, and disarm it with your password.

SENSOR TYPES

Smoke · Gas · Door magnet · Window magnet · Infrared · Glass break · Emergency

ZONE LOCATIONS

Kitchen · Bedroom · Hall · Window · Door · Balcony · Guest room



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.

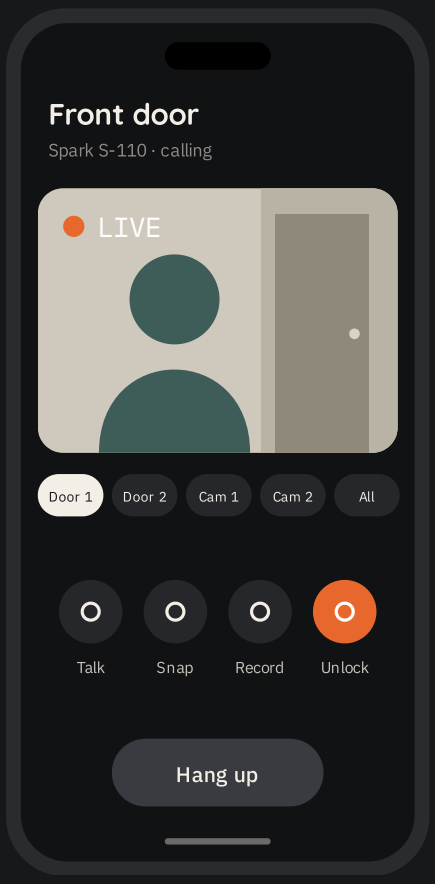
03 **Alarm timing**
Adjustable trigger delay and siren ringing time.

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 cable (minimum Cat5) 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**
Minimum Cat5, 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

spark

Smart home, quietly intelligent.

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