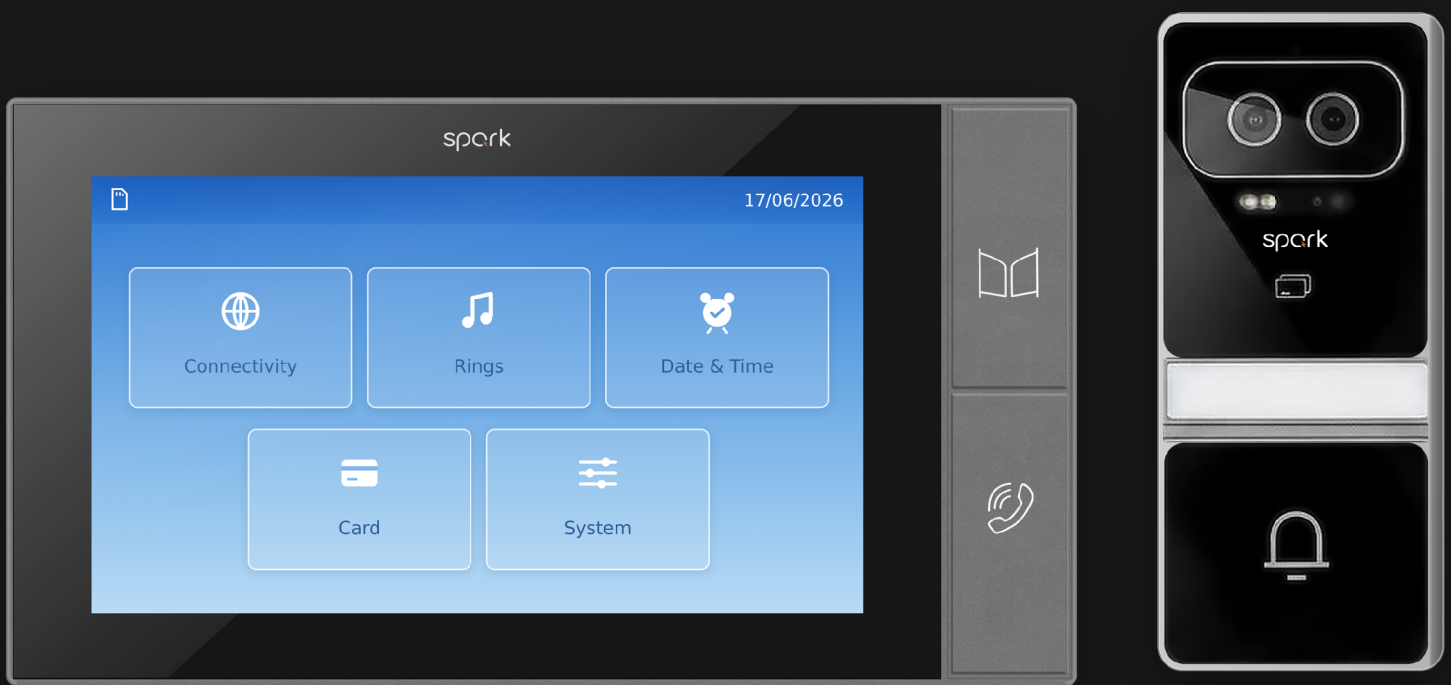
INTRODUCING

Spark S-303

Face ID Ethernet IP video intercom kit — indoor monitor + binocular outdoor station.

Everything you need in one box. The S-303 pairs a 7-inch IPS touchscreen indoor monitor with a 3.0 MP binocular outdoor station — Face ID recognition, IC card access, infrared night vision, full-duplex audio and Tuya smart-home control, all over a standard Ethernet network.

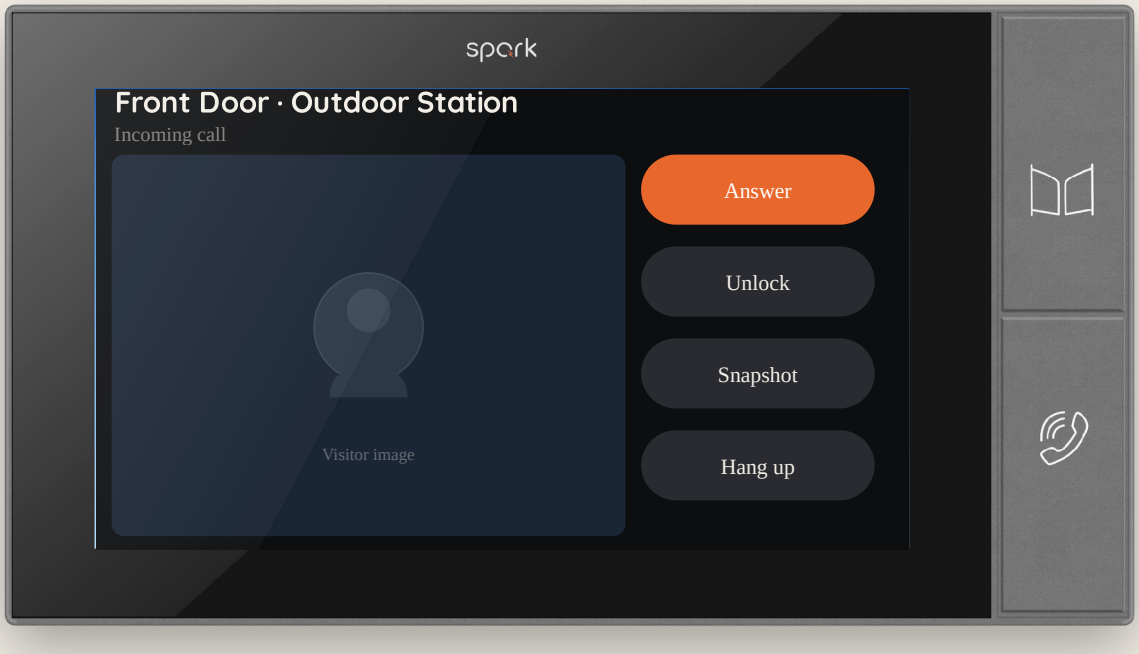


- 7″ IPS touchscreen
- Face ID recognition
- 3.0 MP binocular camera
- 140° wide angle
- IC card access
- IR night vision
- Ethernet / PoE
- IP65 outdoor
- Tuya smart-home

INCOMING CALL

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

The outdoor station's call button rings the indoor monitor instantly. See the visitor in FHD 1080P, talk in full-duplex and unlock with a tap — all from the 7-inch touchscreen.



Face ID unlock

Binocular lens recognises registered faces and unlocks the door automatically.

Full-duplex audio

Talk and listen simultaneously — natural two-way conversation, no delays.

Relay unlock

Unlock the door directly from the call screen with one tap.

Snapshot & record

Save a JPG photo or a video clip to the 128 GB SD card during the call.

IC card access

Residents can also present an IC card to unlock without calling.

IR night vision

The outdoor station's infrared illumination activates automatically after dark.

OUTDOOR STATION

Recognises faces. Keeps the weather out.

The S-303 outdoor station is built from aluminium alloy and rated IP65. Its binocular dual-lens module delivers 3.0 MP FHD 1080P video and enables Face ID recognition with liveness detection — plus IC card and call-button access.



01 **Face ID recognition**
Binocular lens module enables face unlock with liveness detection — spoofing resistant.

02 **3.0 MP binocular camera**
Dual-lens 3.0 MP module captures FHD 1080P in H.264 with 140° wide-angle coverage.

03 **IR night vision**
Infrared illumination switches on automatically for clear images after dark.

04 **IP65 rated**
Dust-tight and water-resistant — rated for all outdoor conditions.

05 **IC card access**
Built-in card reader supports standard IC cards for keyless entry.

06 **Aluminium alloy body**
140 × 60 × 25 mm. Compact, robust and tamper-resistant.

INDOOR MONITOR

Vivid 7-inch panel. Everything at a touch.

The indoor monitor's 7-inch IPS touchscreen displays visitors in crisp 1024 × 600 resolution. Physical answer and unlock buttons on the side panel let you respond without even looking at the screen.



01 **7″ IPS touchscreen**
1024 × 600 IPS display — wide viewing angles and vivid colours.

02 **FHD 1080P input**
Receives H.264 FHD 1080P video from the outdoor station.

03 **Full-duplex audio**
8 Ω 2 W speaker with -40 dB microphone — talk and listen simultaneously.

04 **Side-panel buttons**
Physical answer and unlock buttons for fast, tactile response without touching the screen.

05 **Snapshot & record**
Save JPG snapshots or video to a 128 GB SD card directly from the call screen.

06 **Tuya app control**
Receive calls, view the camera and unlock remotely from the Tuya or SmartLife app.

TUYA ECOSYSTEM

Connected to every corner of your home.

The S-303 pairs with the Tuya and SmartLife apps over Wi-Fi. Receive door calls on your smartphone, view the live camera feed and unlock the door — from anywhere in the world.

Tuya / SmartLife

Native Tuya support — pair with the SmartLife app for remote access.

Remote viewing

View the live outdoor camera feed from anywhere via the Tuya app.

PoE powered

One CAT5/5e cable carries both data and power to both units.

01 **Remote door calls**
When the outdoor station rings, your phone rings too — answer and unlock from anywhere.

02 **Live monitoring**
Open the Tuya app any time to view the outdoor station's live camera feed.

03 **PoE or DC 24 V**
Power the kit from a PoE switch or a DC 24 V supply — whichever suits your installation.



SETUP

One cable. Both devices. Up and running in minutes.

Connect the indoor monitor and outdoor station with a single UTP CAT5/CAT5e cable. Power from a PoE switch or DC 24 V supply. Both units mount to any flat surface with the included hardware.

01 **Cable: CAT5 / CAT5e**
UTP CAT5/CAT5e from outdoor station to indoor monitor — maximum 50 m run.

02 **Lock cable: RVV2×1.0**
Connect the relay lock with RVV2×1.0 cable, up to 10 m.

03 **Power: PoE or DC 24 V**
Indoor unit: DC 24 V / PoE. Outdoor unit: DC 24 V / 200 mA via indoor unit or PoE.

04 **Surface mount — both units**
Wall brackets and all fixings included. Mount to any flat surface indoors or outdoors.

05 **Motor lock support**
Relay output supports one motor-operated electric lock (12 V, max 500 mA instantaneous).

06 **What's in the box**
Indoor monitor · Outdoor station · Wall brackets · CAT5 terminals · IC cards ×2 · Screws & anchors · User manual

SPECIFICATIONS

Spark S-303

Face ID Ethernet IP video intercom kit · indoor monitor + binocular outdoor station

INDOOR MONITOR

Screen	7″ IPS, touchscreen
Resolution	1024 × 600
Video input	FHD 1080P
Video codec	H.264
Speaker	8 Ω, 2 W
Intercom mode	Full-duplex
SD card	Up to 128 GB
Platform	Tuya / SmartLife
Power	DC 24 V / PoE
Standby power	≤ 2 W
Working temp.	–30 °C to +50 °C
Installation	Surface mount

OUTDOOR STATION

Camera	3.0 MP binocular HD
Video	FHD 1080P, H.264
Viewing angle	140°
Face unlock	Binocular lens, liveness detection
Night vision	Infrared
Access control	Face ID · IC card
Body	Aluminium alloy
Dimensions	140 × 60 × 25 mm
Protection	IP65
Power	DC 24 V / 200 mA
Standby power	≤ 2.4 W
Working temp.	–30 °C to +50 °C
Installation	Surface mount