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SCS Sentinel PVF0052

SCS Sentinel VisioKit 7 Wired Video Intercom System

User Manual

1. Introduction

Thank you for choosing the SCS Sentinel VisioKit 7 Wired Video Intercom System. This system provides enhanced security and convenience by allowing you to see and communicate with visitors before granting access to your home or property. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new video intercom system. Please read this manual thoroughly before installation and keep it for future reference.

The VisioKit 7 includes one indoor monitor and one outdoor unit with a visor, designed for reliable performance and ease of use.

2. Safety Information

- Ensure all power is disconnected before performing any installation or maintenance.
- Installation should be performed by a qualified electrician or technician to prevent electric shock or damage to the system.
- Do not expose the outdoor unit to direct water jets or extreme weather conditions beyond its IP rating.
- Use only the provided power adapter and accessories.
- Keep the system away from sources of heat, direct sunlight, and high humidity.
- Do not attempt to repair or modify the system yourself. Contact qualified personnel for service.

3. Package Contents

Please check the package for the following components:

- 1 x Indoor Monitor
- 1 x Outdoor Unit with Visor
- 1 x Power Adapter
- Mounting Screws and Wall Plugs
- User Manual (this document)



Figure 3.1: Product packaging of the SCS Sentinel VisioKit 7, displaying the indoor monitor, outdoor unit, and branding.

4. Product Overview

The SCS Sentinel VisioKit 7 consists of two main components:

4.1. Indoor Monitor



Figure 4.1: Front view of the indoor monitor, featuring a large screen and touch-sensitive buttons on the right side.

The indoor monitor features a 7-inch display and intuitive touch controls. It allows you to view the outdoor camera feed, communicate with visitors, open gates/doors, and adjust system settings. Up to two additional monitors can be connected to the system.

4.2. Outdoor Unit



Figure 4.2: Side view of the outdoor unit, showing the camera lens, infrared LEDs, call button, and nameplate, protected by a top visor.

The outdoor unit is designed for outdoor installation and features a wide-angle camera (90° view), infrared LEDs for night vision, a call button, and a nameplate. It is robust and weather-resistant.



Figure 4.3: The complete SCS Sentinel VisioKit 7 system, illustrating the indoor monitor with a live view of two people and the outdoor unit.

5. Installation

The VisioKit 7 is designed for simple two-wire installation. Ensure you have the necessary tools (drill, screwdriver, wire strippers) before beginning.

5.1. Wiring Diagram

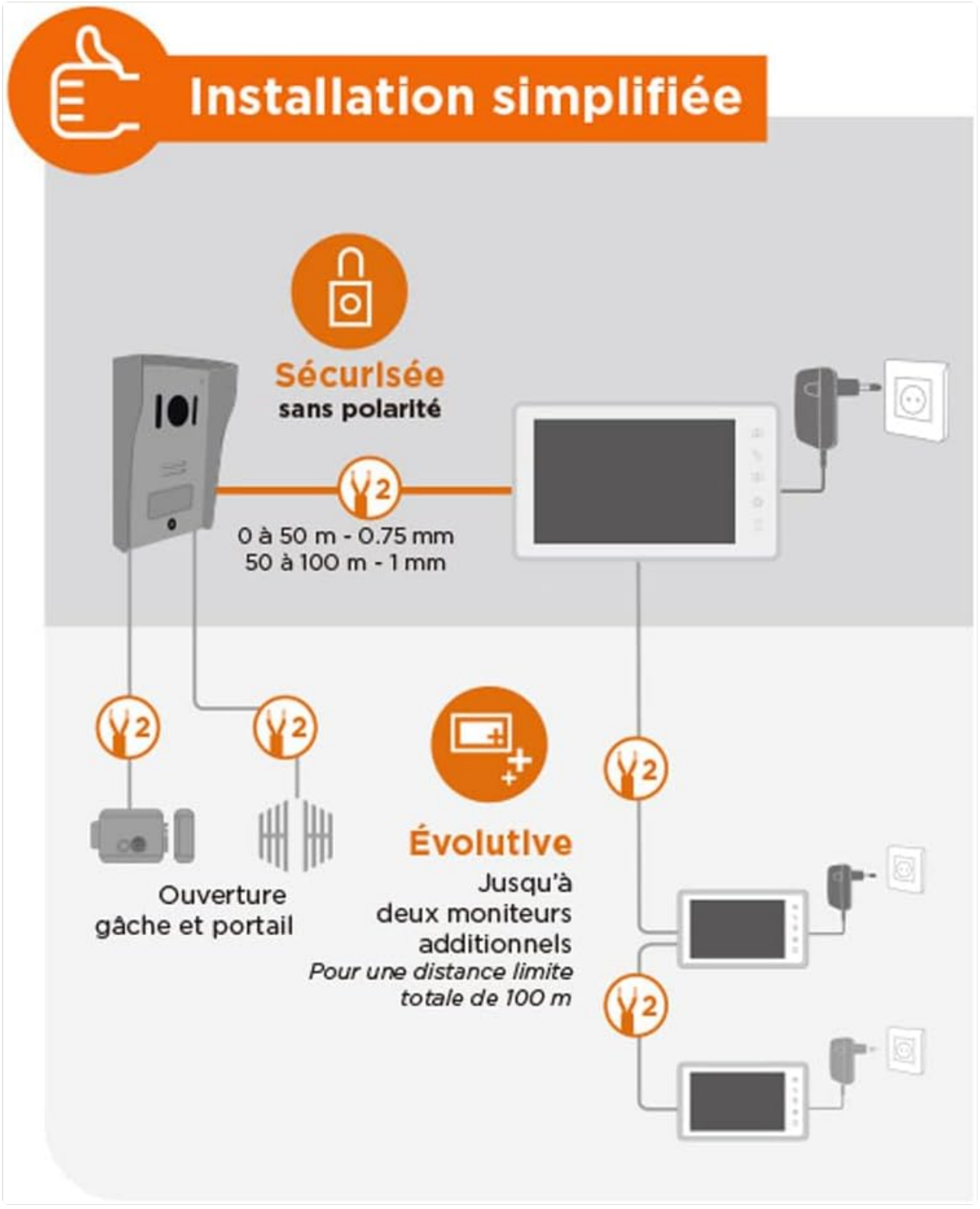


Figure 5.1: Simplified wiring diagram illustrating the two-wire connection between the outdoor unit and the indoor monitor, power supply, and optional connections for gate/door opening and additional monitors. Maximum distance is 100m.

The system requires only two wires to connect the outdoor unit to each indoor monitor. For distances up to 50m, use 0.75mm² cable. For distances between 50m and 100m, use 1mm² cable.

5.2. Outdoor Unit Installation

1. Choose a suitable mounting location, typically near your entrance, at a height of approximately 1.5 to 1.6 meters from the ground. Ensure it is protected from direct heavy rain if possible.
2. Mark the drilling points using the outdoor unit's mounting bracket as a template.
3. Drill holes and insert wall plugs.
4. Connect the two-wire cable from the indoor monitor to the designated terminals on the outdoor unit. Ensure correct polarity if indicated.
5. Secure the outdoor unit to the wall using the provided screws.

6. Ensure the visor is correctly positioned over the unit for added protection.



Figure 5.2: The outdoor unit mounted on a wall, demonstrating a typical installation scenario near an entrance gate.

5.3. Indoor Monitor Installation

1. Select a convenient location inside your home, away from direct heat or moisture, and within reach of a power outlet.
2. Mount the monitor's bracket to the wall using screws and wall plugs.
3. Connect the two-wire cable from the outdoor unit to the indoor monitor's terminals.
4. Connect the power adapter to the indoor monitor and plug it into a power outlet.
5. Carefully attach the indoor monitor to its wall bracket.

6. Operation

6.1. Answering a Call

When a visitor presses the call button on the outdoor unit, the indoor monitor will ring and display the visitor's image.

Press the **Answer** button (typically a phone icon) on the monitor to establish two-way communication.



Figure 6.1: User interacting with the indoor monitor, demonstrating the touch interface for operation.

6.2. Opening a Gate/Door

During a call or while monitoring, press the**Unlock** button (typically a key or lock icon) on the indoor monitor to activate the connected electric lock or gate opener.

6.3. Monitoring

You can view the outdoor camera feed at any time without a visitor pressing the call button. Press the**Monitor** button (typically an eye or camera icon) on the indoor monitor to activate the camera and view the outside area.

6.4. Melody Selection

The indoor monitor offers 10 different melody types. Refer to the monitor's on-screen menu or specific buttons (often a music note icon) to browse and select your preferred ringtone.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the indoor monitor and outdoor unit. For stubborn dirt, a slightly damp cloth can be used. Avoid abrasive cleaners or solvents.
- **Outdoor Unit:** Regularly check the outdoor unit's camera lens and infrared LEDs for dirt, dust, or spiderwebs that might obstruct the view. Clean gently if necessary.
- **Cabling:** Periodically inspect all visible cables for any signs of damage or wear.

8. Troubleshooting

Problem	Possible Cause	Solution
No image on indoor monitor.	◦ Power adapter not connected or faulty. ◦ Incorrect wiring between outdoor unit and monitor. ◦ Damaged cable.	◦ Check power connection to the monitor. ◦ Verify wiring connections and polarity. ◦ Inspect cable for damage; replace if necessary.
No audio or distorted audio.	◦ Incorrect wiring. ◦ Microphone/speaker obstruction. ◦ Excessive cable length or poor quality cable.	◦ Check wiring connections. ◦ Ensure nothing is blocking the microphone or speaker on both units. ◦ Ensure cable length is within specifications (max 100m) and use recommended cable gauge.
Poor night vision.	◦ Obstructed infrared LEDs. ◦ Insufficient ambient light for IR to function optimally.	◦ Clean the outdoor unit's lens and IR LEDs. ◦ Consider adding external illumination near the outdoor unit if night vision is consistently poor.
Outdoor unit not ringing indoor monitor.	◦ Call button malfunction. ◦ Wiring issue.	◦ Test the call button. ◦ Check wiring connections between the outdoor unit and indoor monitor.

9. Specifications

Feature	Detail
Model Number	PVF0052
Brand	SCS Sentinel
Product Dimensions	9 x 9 x 14 cm (Outdoor Unit)
Item Weight	778 grams
Indoor Monitor Screen Size	7 inches
Outdoor Unit Camera Angle	90 degrees
Night Vision	Infrared LEDs
Wiring Type	2-wire system
Max. Cable Distance	100 meters

Feature	Detail
Number of Melodies	10
Expandability	Up to 2 additional indoor monitors

10. Warranty and Support

SCS Sentinel products are designed for reliability and ease of use. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official SCS Sentinel website. Keep your proof of purchase for warranty claims.
You can also visit the SCS Sentinel Store on Amazon for more information and support resources.

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