SXK-PT02-MS08

Video Intercom Master Station

A desktop operator station for parking video intercom systems. Used with PT02 lane terminals and a compatible intercom platform, it lets staff answer driver calls, view live video, provide voice assistance and issue authorized gate commands from the control room.



Touchscreen management station with handset and speakerphone | English interface illustration

Display	Voice operation	Network port	Parking role
8 inch touchscreen	Handset and speakerphone	10/100 Mbps Ethernet	Master station for PT02

Product highlights

Visual driver assistance. Receive lane calls and view the associated video while helping with access, payment or exit exceptions through the configured parking workflow.

Handset and hands free operation. Use the handset for private conversation or speakerphone for shared control room coordination.

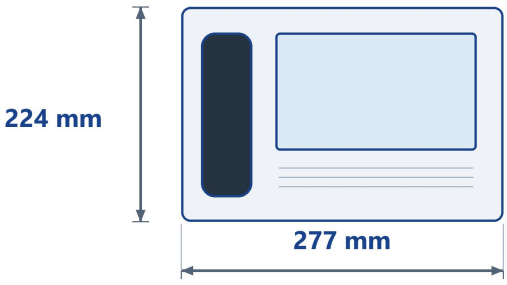
Centralized communication and management. The supporting system provides terminal selection, announcements, call records and remote device management.

Technical specifications

Display, processing, communication and mechanical data for the operator station. Match the terminal software and network configuration to the selected parking intercom platform.

Parameter	Specification
Model	SXK-PT02-MS08
Product type	Desktop video intercom management and dispatch station
Processor	Quad-core A7 processor
Operating system	Android 7.1
Display	8 inch high definition capacitive touchscreen
Voice operation	Handset and speakerphone
Audio input	Built-in high sensitivity omnidirectional microphone
Speakerphone pickup	Up to 3 m, subject to room conditions
Video compression	H.264 at 25 frames per second
Camera configuration	5 megapixel sensor, optional
Network port	10/100 Mbps autosensing Ethernet
Wireless networking	Wi-Fi supported; confirm the delivered configuration
Network protocol	TCP/IP
Memory configuration	1 GB + 4 GB
External interface	1 × Micro USB
Power consumption	Less than 10W
Power connection	Use the adapter and supply rating specified on the device
Operating temperature	-10 to +55 °C
Overall dimensions	277 × 224 × 40 mm

DIMENSION REFERENCES





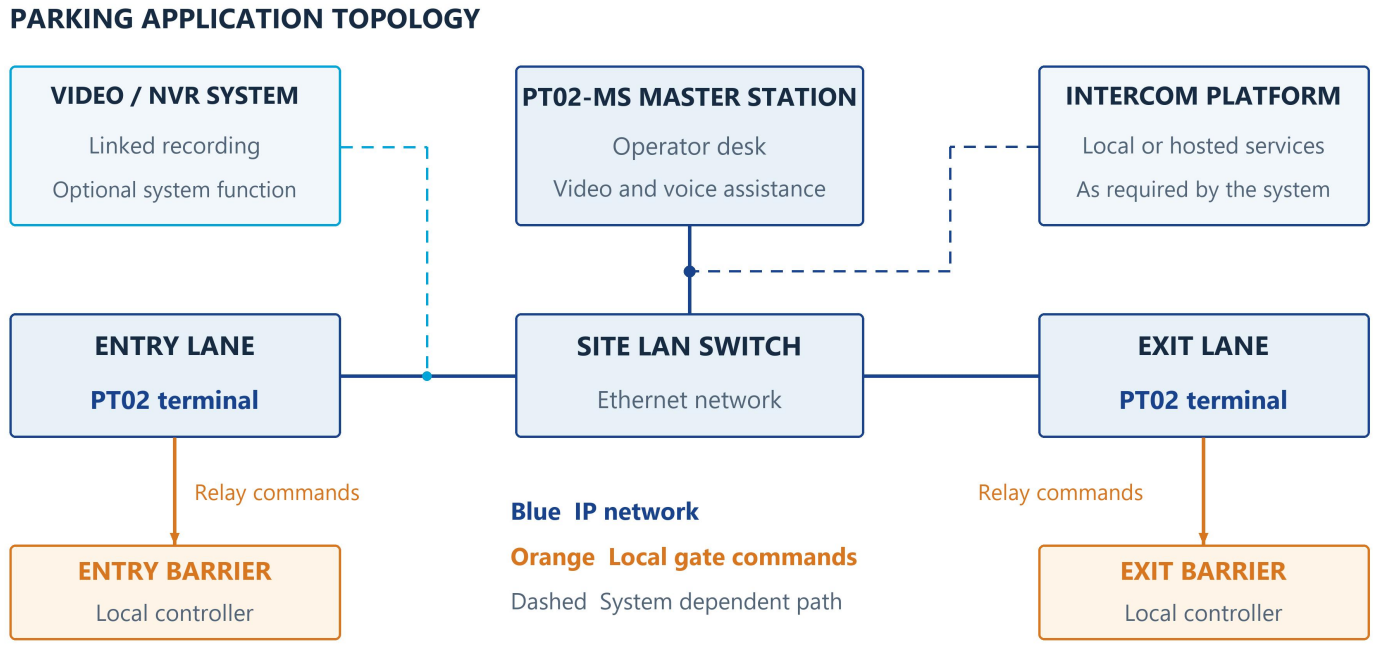
Overall size

277 × 224 × 40 mm

Not to scale

Parking network topology

Connect the operator station and each PT02 terminal to the site network. Configure the compatible intercom platform for calls, video and operator permissions; connect each lane terminal to its own local barrier controller.



Example topology. Calls and gate permissions are configured through the compatible intercom system.

System element	Parking application role
PT02-MS master station	Operator call handling, live video review, voice assistance and permitted gate commands
PT02 lane terminals	Driver call point, lane camera and local opening / closing relay interfaces
LAN switch and network	IP connectivity between stations, terminals and configured platform services
Intercom platform	Device registration, call routing, permissions, records and management as configured
Optional video system	Linked surveillance recording and event review where supported

Call and gate control sequence

01 Driver requests help. A driver presses CALL on a PT02 terminal. The configured system routes the call and associated video to the master station.

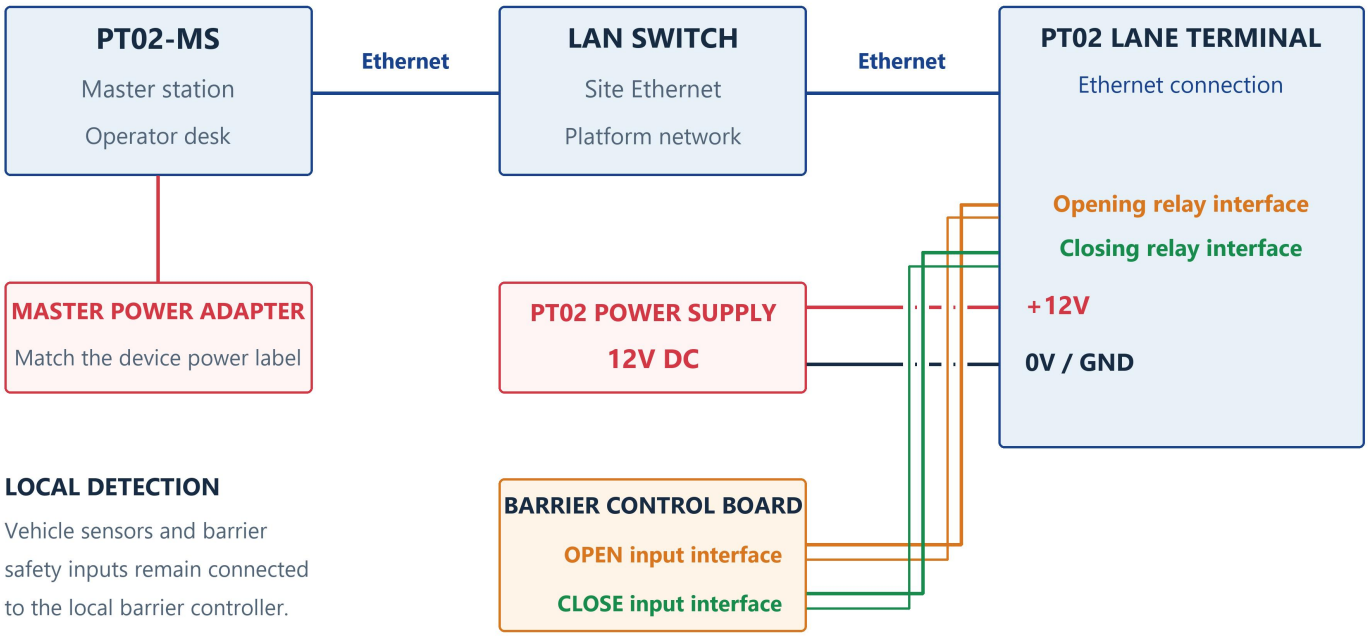
02 Operator assesses the situation. Staff speak with the driver using the handset or speakerphone, view the scene and apply the site access procedure.

03 Authorized action is executed locally. A permitted command travels through the intercom system to the lane terminal. Its configured relay interface requests movement from the local barrier controller.

Parking connections and commissioning

The diagram separates Ethernet, terminal power and gate command interfaces for one lane. Match the delivered device labels and controller wiring schedule when making the physical connections.

SINGLE LANE CONNECTION OVERVIEW



Functional paths only; colors identify functions, not harness wire colors. Follow the actual terminal labels.

Connection	Installation requirement
Master station network	Connect Ethernet to the site LAN; configure the station and intercom platform.
Master station power	Use the matched external supply specified on the station power label.
PT02 lane terminal power	Connect a suitable 12V DC supply with correct polarity.
PT02 network	Connect to the same routed intercom network as the operator station.
Gate command interfaces	Connect PT02 opening and closing relay paths to the corresponding barrier control inputs.
Local vehicle detection	Keep the vehicle detector and barrier safety circuits connected to the local controller.

Commissioning checks

Register the master station and lane terminal, confirm device names and call destinations, and test live video and speech in both handset and speakerphone modes. Test authorized gate opening and closing through each PT02 interface, then confirm local vehicle detection and the controller response.

Configure broadcast groups, recording and management permissions as required. Confirm the network method, optional camera, platform services and power accessories for the order, and test service recovery after a network or power interruption.

Thinkpark Technology Co., Ltd | tom@autobarriergate.com sales@sxkchina.com

Specifications are subject to change without notice. Please confirm final configuration and certifications with our sales team before ordering.