ACCESS EQUIPMENT

LPK-128V2

Payment and access kiosk

The LPK-128V2 combines a 10.1-inch touchscreen with card, PIN, QR and ticket access in a stainless-steel enclosure. Payment and printing modules are selected around the site's entry and exit workflow.

LPK-128V2

Configuration shown for reference.

01 Stainless-steel enclosure

The enclosure uses 304 stainless steel, with 316 stainless steel available as an option.

02 Touchscreen and assistance

A 10.1-inch touchscreen with polycarbonate protection is paired with a SIP intercom and independent remote barrier opening.

03 Tickets and receipts

The printing configuration provides ticket and receipt handling, with space for 5,000 parking tickets or an optional roll printer.

10.1"	Confirm	-40 to +70°C
Protected touchscreen	Enclosure rating	Operating temperature

01 / TECHNICAL PROFILE

Built for the installation.

Physical and electrical specifications for the documented LPK-128V2 configuration.

Specification	Details
Type	Parking and access terminal
Overall dimensions (H × W × D)	1280 × 383 × 333 mm (nominal)
Net weight	45 kg
Enclosure	304 stainless steel; 316 stainless steel optional
Material thickness	2.667 mm (12 gauge)
Finish	Powder coating, RAL 9003 white
Enclosure rating	Confirm for the quoted configuration
Operating temperature	-40 to +70°C
Storage temperature	-45 to +85°C

Electrical ratings

Supply voltage (AC)	Minimum 110 V / typical 120 V / maximum 120 V
Working current	Minimum 5 A / typical 7 A / maximum 15 A

Model reference

Source standards references: CSA C22.2 Nos. 0; 0.4; 61010 (94.2 water tests); CCE 2021; CSA SPE 1000-21. Confirm the applicable project documentation with Lexoh.

02 / ACCESS & COMMUNICATIONS

Connect the access methods.

Readers and interaction modules follow the selected configuration.

Interface	Characteristics
RFID credentials	13.56 MHz: Seos, iCLASS SE, iCLASS, MIFARE DESFire EV1/EV2/EV3 and MIFARE Classic. 125 kHz: HID Prox, Indala Prox, Dorado Prox and EM Prox.
RFID communication	RS-485 OSDP with bidirectional encrypted communication.
RFID read range	30-100 mm, depending on the RFID technology.
1D barcodes	EAN-8, EAN-13, UPC-A, UPC-E, ISSN, ISBN, Codabar, Standard 2 of 5, Code 128, Code 93, ITF-6, ITF-14, GS1 Databar, MSI-Plessey, Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 11, Plessey.
2D barcodes	PDF417, Data Matrix, QR Code, Micro QR Code and Aztec. Paper and mobile presentation.
Reading feedback	Buzzer and validation LEDs for RFID and barcode reading.
Barcode sensors	Infrared and light sensors.

Access credentials

Access card
NXP MIFARE / HID

Key fob
NXP MIFARE / HID

Digital key
Bluetooth LE / NFC

QR code
Paper coupon / mobile

Payment card
Debit / credit

PIN code
Touchscreen / PIN pad

03 / OPERATION & ASSISTANCE

One point of interaction.

Access, payment, printed handoff and support are coordinated for the site.

Function	Configuration
Touchscreen	10.1-inch touchscreen with protective polycarbonate cover.
PIN entry	Touchscreen or optional HID reader keypad.
Payment	Payment-terminal integration with the Lexoh application; debit-card access workflow.
Printing	Ticket and receipt printer; space for 5,000 parking tickets or optional roll printer.
Intercom and audio	SIP intercom, call button, HD audio with noise cancellation and voice assistance. Independent remote gate opening.
Wi-Fi	Dual band 2.4 GHz / 5 GHz; IEEE 802.11b/g/n/ac.
Barrier control	Coordinates automatic barriers and garage doors with vehicle entry, exit and nested zones.
Enclosure design	Concealed hinge, vandal-resistant construction and impact-resistant design.

Connected operations

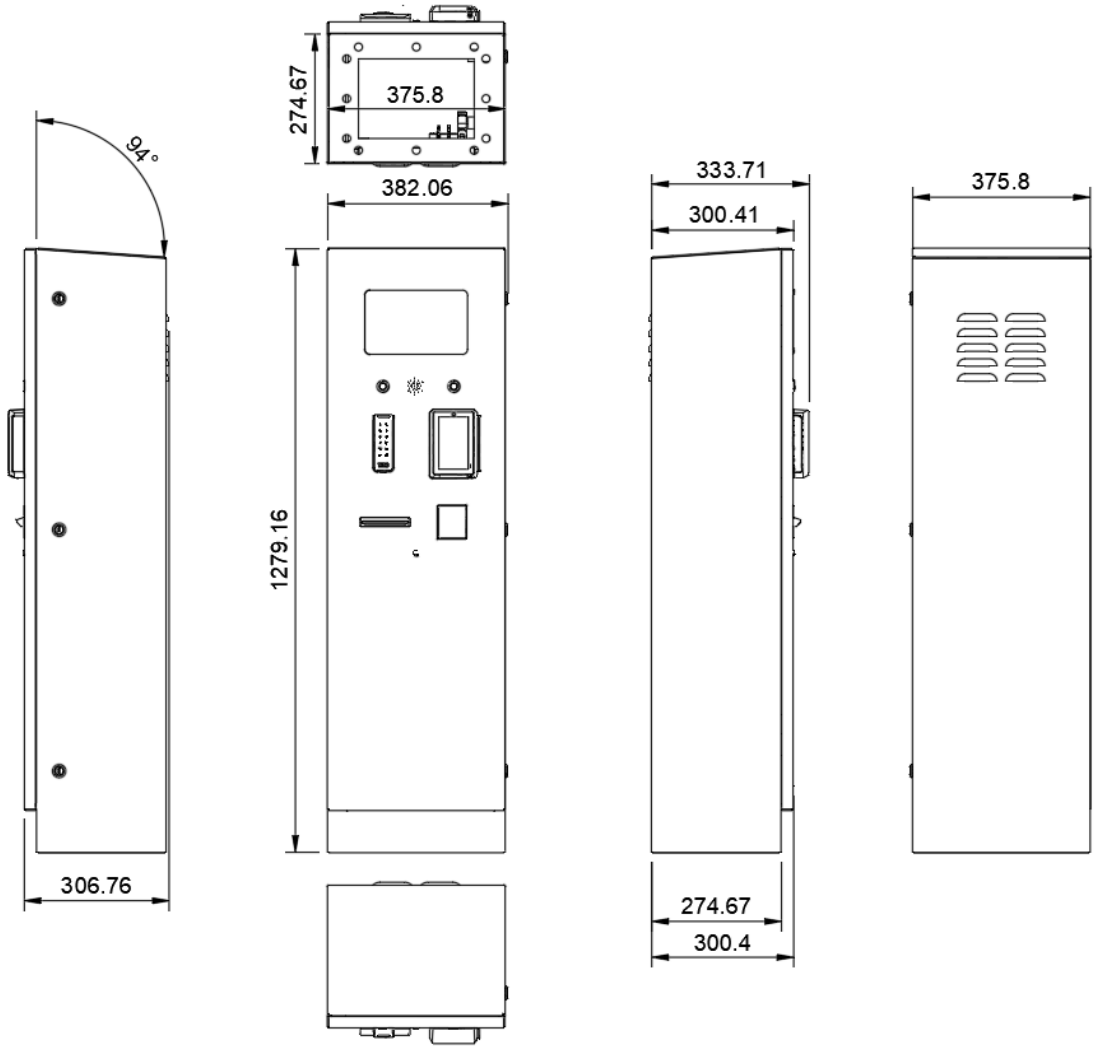
Lexoh Security Center provides real-time communication. On server connection loss, the terminal can operate in standalone mode, retain events and synchronize with equipment on the local LAN. Functions depend on the deployed configuration.

04 / MECHANICAL REFERENCE

Dimensions & mounting.

LPK-128V2 engineering reference. All drawing dimensions are in millimetres.

LPK-128V2 / MM



Installation coordination

Use the project-approved anchoring and conduit plan. Confirm vehicle clearance, service access and the equipment configuration before installation.