PRODUCT CATALOGUE

SynOne Parking

ON-PREMISE • PERPETUAL LICENCE, INSTALLED ON A WINDOWS SERVER ON SITE

Parking management. Plate entry and exit, gate control, passes and leases, hourly fees, vouchers and parking reports.

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Tax ID 62222816 • 02-8666-3131 • contact@shengyiltd.com
7F., No. 3, Ln. 70, Anmin St., Xindian Dist., New Taipei City, Taiwan
shengyiltd.com

SynOne Parking — Parking Management

License Plate • Gates • Fees • On-premise

A car reaches the lane, the camera reads the plate and the system records the time and a photo. It decides whether this is a monthly pass, a visitor, a blacklisted car or one that has not paid — opening the gate for the ones that should pass and stating the reason for the ones that should not. Passes, leases, hourly fees, vouchers and reports share one console.

WHO IT IS FOR

Basement car parks in residential and office buildings

Residential | Office

Residents, staff and monthly parkers register their plates and skip the ticket; expired passes revert to hourly automatically. Leases, tenants and rents are kept here too.

Car parks that charge by the hour

Free minutes, billing unit, rate and daily cap are all configurable; a car leaving within the grace period after paying is not charged again.

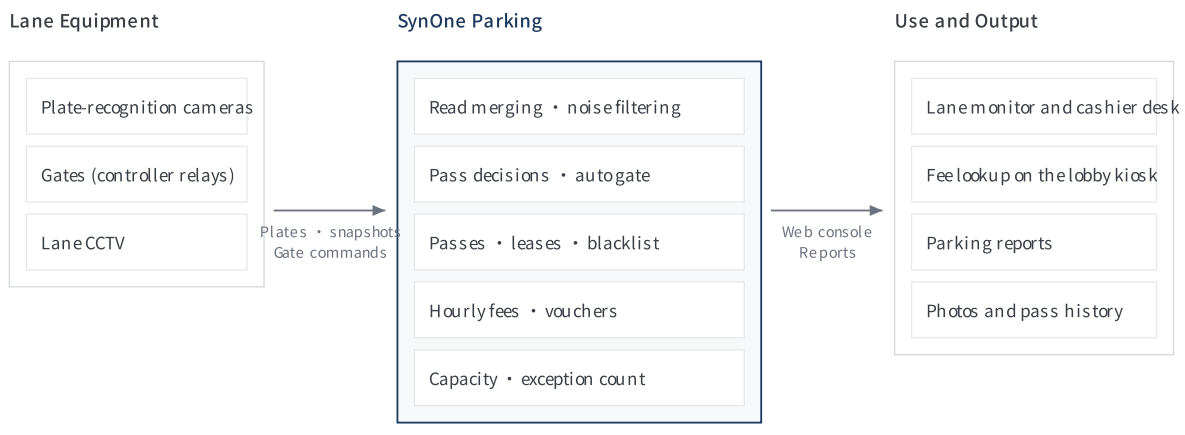
Sites that already run access control and want parking alongside

Gates hang off the access controllers, sharing permissions and audit trail with SynOne Access. Buy parking on its own or alongside other modules.

The plate camera verified in practice is the SOYAL AR-901A01 (pushing results over TCP); gates are driven by an access controller relay. For other camera or gate brands we check the format first. There is no online payment integration — hourly fees are taken in cash at the management office and recorded.

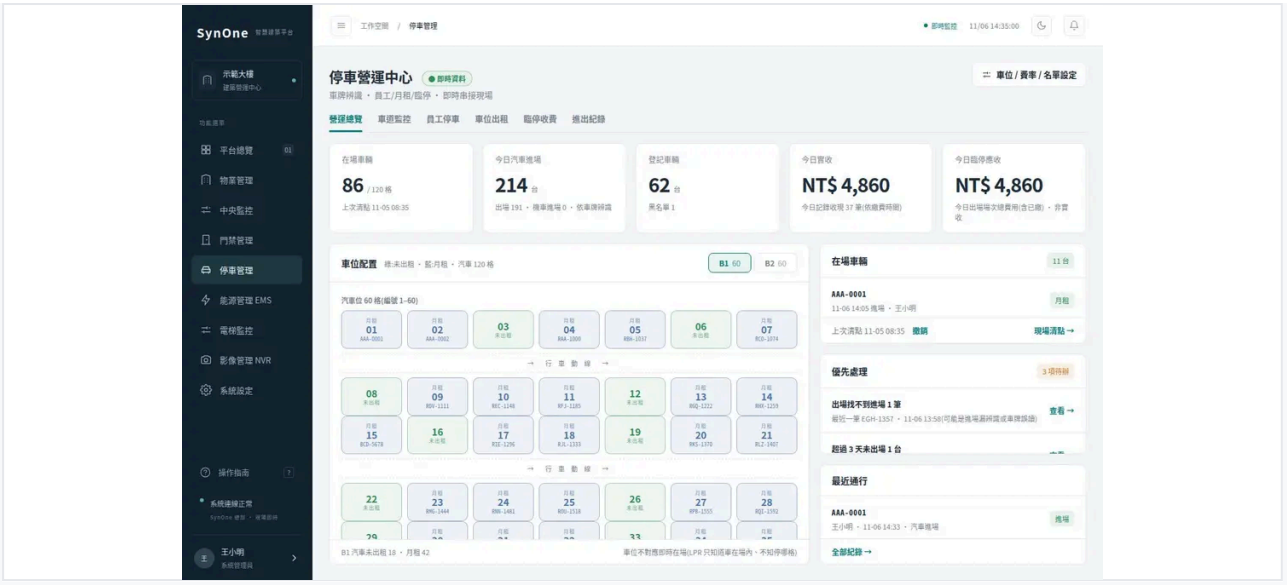
SYSTEM ARCHITECTURE

Cameras push plate reads to the parking service; once it decides, the command travels through the access service to the controller that opens the gate. Parking runs as its own service, so restarting it leaves access control and other modules alone.

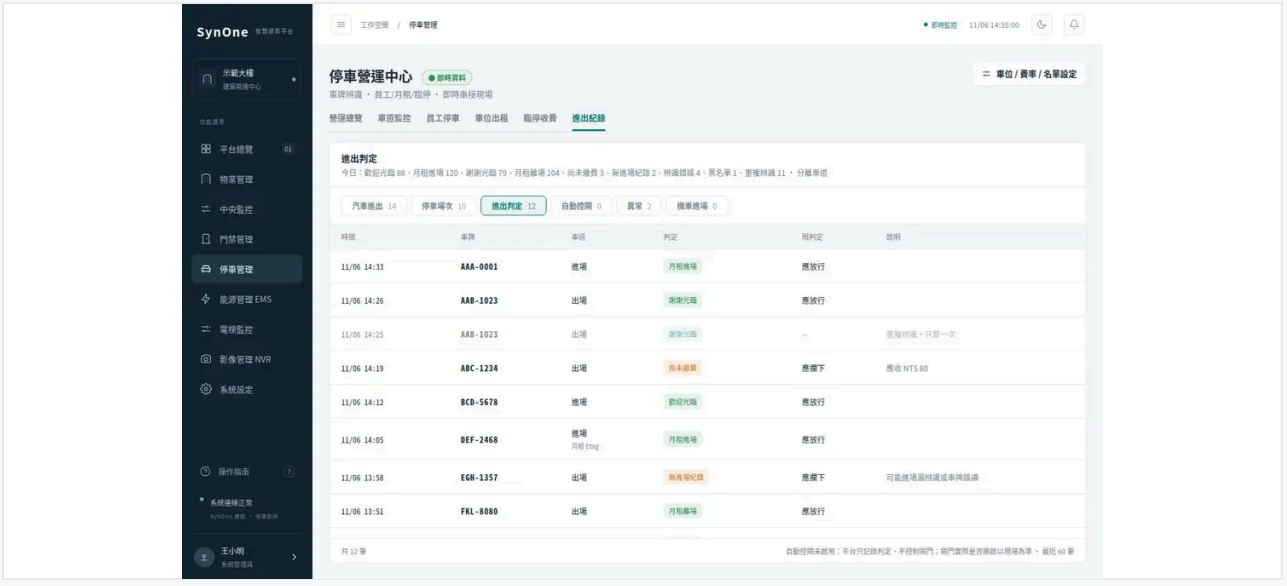


Installed on a server on site, so plates and photos stay there. Free spaces are inferred from plate entries and exits, not from per-bay sensors.

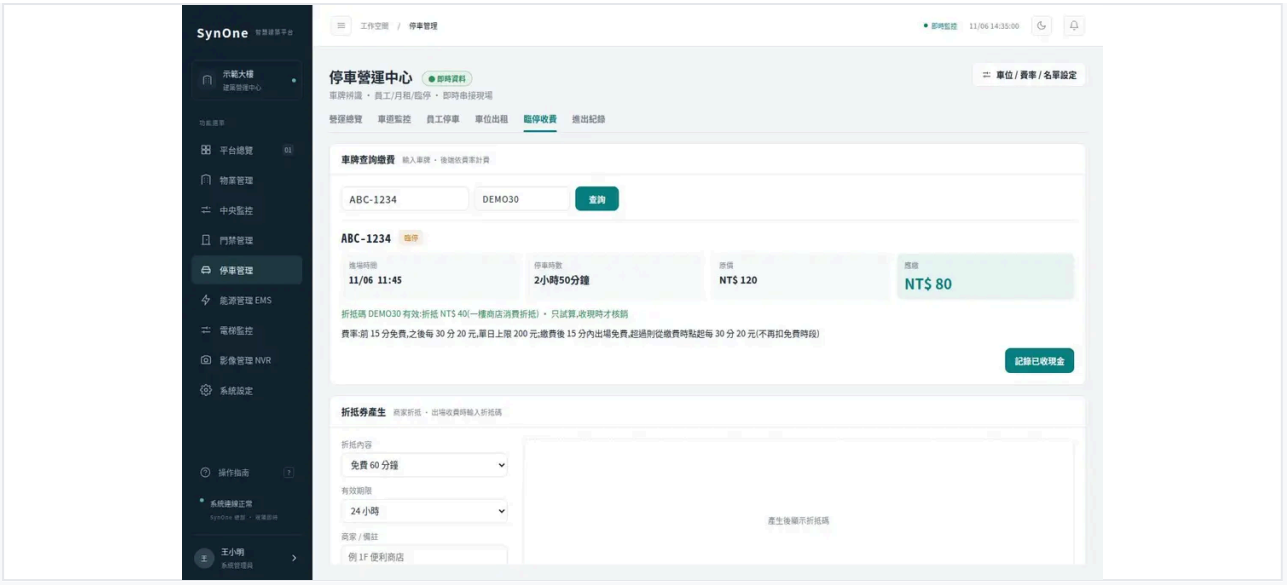
PRODUCT SCREENS



Overview: cars on site against capacity, today’s entries and takings; the bay map shows lease status, with exceptions to handle first and the latest passes on the right. Note: demo data.



Pass decisions: every pass records its outcome — monthly entry, goodbye, unpaid, no entry on record — and whether to let it through or stop it, with repeat reads marked. Note: demo data.



Cashier desk: enter a plate and voucher code to see entry time, duration, full price, discount and amount due, then log the cash taken. Note: demo data.

CORE FEATURES

A reason for every pass

Welcome, monthly entry, car park full, blacklisted, unpaid, exit window exceeded, no entry on record — every pass records the system’s decision, and repeat reads of the same car are marked separately.

Auto gate with a dry run

Three modes: off, dry run (log what would have opened) and on. Run the dry run, compare the log, then switch it on; the same plate never opens the gate twice within 60 seconds.

Noise filtering

Several frames of the same car collapse into one read; single-frame glitches and reads that do not match a Taiwanese plate are dropped. On a shared lane, the order the two cameras see the car decides its direction.

Correcting exceptions in one go

Lists cars parked over three days and exits with no entry; after a walk-round count, the manager corrects the on-site total in one step — and can undo it.

SPECIFICATIONS

Parking can be bought on its own or combined with access control and property management on one platform.

Plate entry and exit

WHAT IT COVERS

Read merging, noise filtering, photos, cars and motorcycles logged separately

NOTES

One record per plate per camera within five minutes; motorcycles are logged on entry only and not charged.

Gate control

WHAT IT COVERS

Open once / hold open / hold closed by hand; auto gate (off / dry run / on)

NOTES

Hold open and hold closed ask for confirmation, and only users with rights to that gate see the buttons.

Passes and leases

WHAT IT COVERS

Monthly, staff and resident plates with expiry and permitted hours, blacklist; space leases and rental income

NOTES

Expired passes revert to hourly; leases due within 90 days are listed.

Hourly fees

WHAT IT COVERS

Free minutes, billing unit (15 / 30 / 60 min), rate, daily cap, post-payment grace

NOTES

At the cashier desk, entering a plate shows the amount due, calculated on the server.

Vouchers

WHAT IT COVERS

Minutes off, amount off, or free; with validity hours and a printable QR code

NOTES

A barcode scanner reads them straight into the payment page; each can be used once.

Capacity and reports

WHAT IT COVERS

Total spaces and monthly cap, free spaces and occupancy, space list importable from floor plans; passes, dwell time, peak count, receivables

NOTES

Visitors can look up their parking time and fee by plate on the lobby kiosk.

FAQ

Can we keep our existing plate cameras and gates?

The verified camera is the SOYAL AR-901A01, with gates switched by an access controller relay. For other brands, tell us the model; we check how it delivers plate reads first, and say plainly if it will not fit.

Can people pay online or at the kiosk?

Not at present. Hourly fees are taken in cash at the management desk after entering the plate; the lobby kiosk shows parking time and the amount due, but does not take payment.

How are free spaces counted?

From plate entries and exits, compared against total capacity; when the count reaches it, the car park is “full”. There are no per-bay sensors, which is why a walk-round correction exists.

What if automatic gate opening gets it wrong?

Auto gate is off by default. Start with the dry run: the system logs which cars it would have let through without opening the gate, and you switch it on once the log checks out. Cars it would refuse are only logged with the reason, for staff to handle.

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CONTACT

COMPANY
SHENGYI CO., LTD.　陞鉉有限公司

TAX ID
62222816

ADDRESS
7F., No. 3, Ln. 70, Anmin St., Xindian Dist., New Taipei City, Taiwan

PHONE
02-8666-3131

EMAIL
contact@shengyiltd.com

SERVICE HOURS
Monday to Friday, 09:00–18:00

https://shengyiltd.com