

BARRIER GATE

ELKA is a premier European manufacturer of high-quality gate openers and barrier systems located in Northern Germany. ELKA was chosen by Swyft as the only trusted provider of automatic gates which adheres to the same level of innovation and excellent standards in the parking industry as Swyft.

The ELKA barrier gate in combination with any of Swyft's PARCS equipment integrate seamlessly for top performance. The barrier gate permits short opening and closing times without the barrier boom bouncing in the end positions. The lever system locks the barrier boom at the end positions. In the event of a power failure, the arm can be easily operated by hand.



*SwyftPARCS equipment is compatible with most gate manufacturers

BASIC FEATURES:

- The same controller for all barriers
- UL 325 tested and certified
- Three speeds
- Three loop detectors
- Rotation speed control, electronic for perfect running performance
- End position detection without limit switches
- Opening angle adjustable in 5° steps, starting with 55°
- Six multi-functional relays, potential-free, max. 24V / 1A

OPTIONAL FEATURES:

- Module automatic opening in case of power failure
- Module radio remote control receiver
- Module TCP/IP or RS485 for network operation
- Easy control "Configurator" to configure the barrier via Windows-PC
- Easy control "Operator" to control and monitor the barrier via Windows-PC

RANGE OF APPLICATION

APPLICATION

- Parking garages, parking lots & parking areas

DRIVE PULSE

- Push button, card reader, desktop panel etc
- Transmitter (radio remote control)
- Induction loops

SAFETY

- Force monitoring for barrier CLOSE
- Emergency release / vandalism protection
- Internal evaluation for safety contact profile (8.2kOhm)
- Connection of external safety systems

BARRIER GATE

TECHNICAL SPECS

SUPPLY VOLTAGE	120VAC 60HZ
CURRENT CONSUMPTION	MAX 2.8A
DUTY CYCLE	100%
TEMPERATURE RANGE	-30°C to +50°C / -22°F to +122°F
CONTROLLER	MO 24
HOUSING DIMENSIONS (L/W/H)	14.14 x 11.81 x 43.34 in.
FOUNDATION (FROST-FREE)	21.65 x 19.96 x 31.50 in
WEIGHT - WITH BOOM/WITHOUT BOOM	137.7 lbs / 127.8 lbs
BOOM CONNECTOR	LEFT OR RIGHT
HOUSING	ALUMINUM
MECHANICS	STEEL, GALVANIZED
SOUND PRESSURE LEVEL (DISTANCE 1M)	≤ 60 dB(A)
PROTECTION CLASS	IP 54
POWER CONSUMPTION, MAX.	85 W
OPENING & CLOSING TIME	Standard 1.8 s / Slow 2.5 s / Fast 1.3 s
NETWORK PROTOCOL	TCP/IP
ELECTRICAL INTERFACE	RS485
MAX. BOOM LENGTH	118.11 in
EFFECTIVE BOOM LENGTH	109.45 in
POWER REVERSAL	YES