

bikekeep

emicro

SS-P1000-1.1

Personal Scooter Station

Main features

Dimensions

Power requirements

Operating enviroment

Using personal scooter station



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MAIN FEATURES

Standard Scooter station has 5 docks for 5 scooters.



Default options

Feature	Default	
Standard colors	Body: RAL5008 (Gray-blue) Legs and locking bar: RAL6018 (Yellow-green)	
Contactless card reader	Integrated contactless card reader (RFID reader).	The default station works with contactless cards and Bikekeep App.
Integrated chargers	42V 1.7A (71W) chargers with standard DC connector. Segway Ninebot ES1, ES2, ES4 or Xiaomi M365/Pro.	Scooter chargers require a line power connection. Third-party charger adds extra handling costs.



Bikekeep personal scooter station is a scooter station where the scooter owners can lock and/or charge their personal scooters. The standard station has 5 docks.

Integrated Segway chargers

Most scooters supported

Contactless card reader

13.56Mhz reader

Led indications

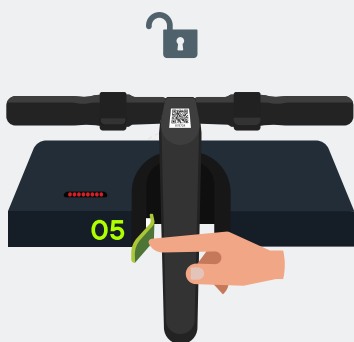
Open / Close / Reserved

Locking bar

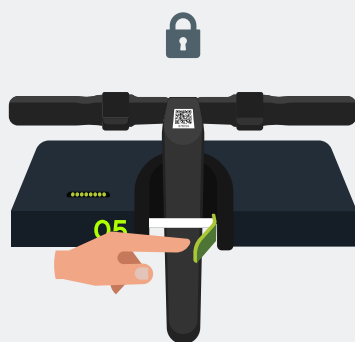
Easy to use, slide to lock



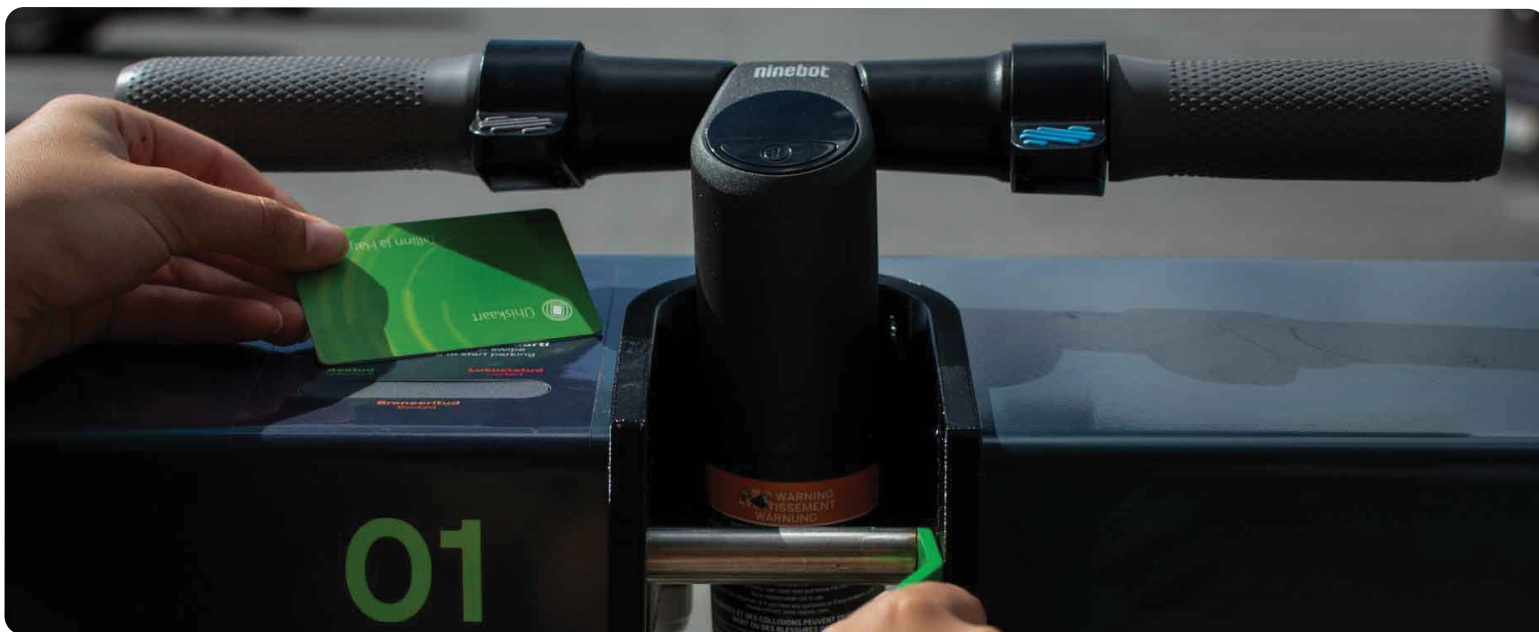
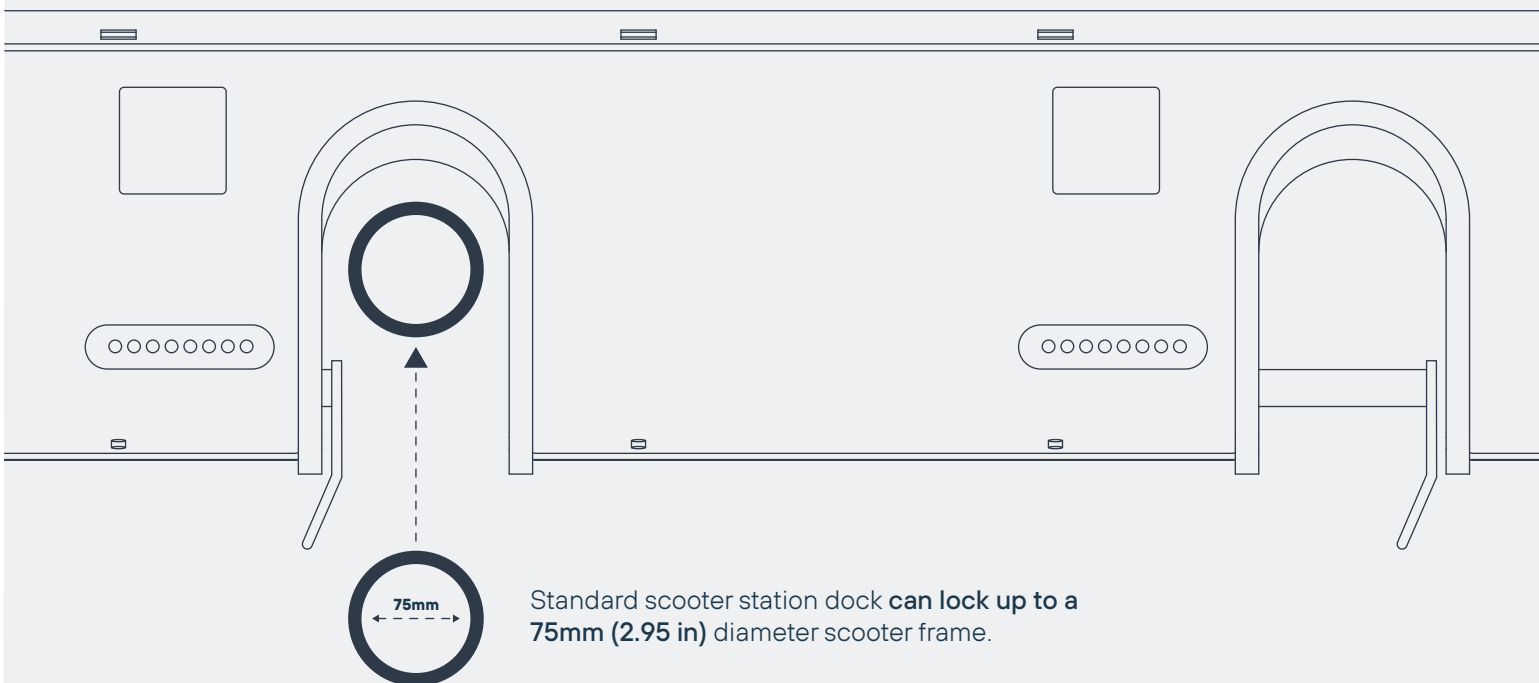
Secure personal scooter locking



Unlock by opening the lever.



Lock by closing the lever.



Contactless card reader

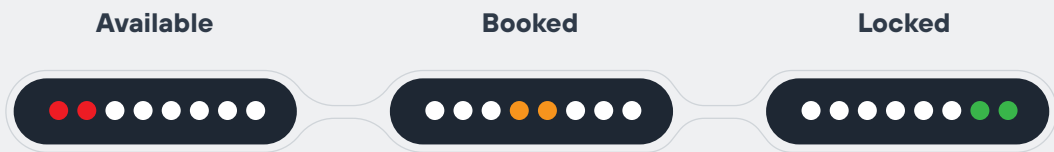


- The card reader module provides you with access control via contactless cards or key fobs.
- The contactless card reader module supports most 13.56MHz cards (13.56MHz ISO14443A compatible).



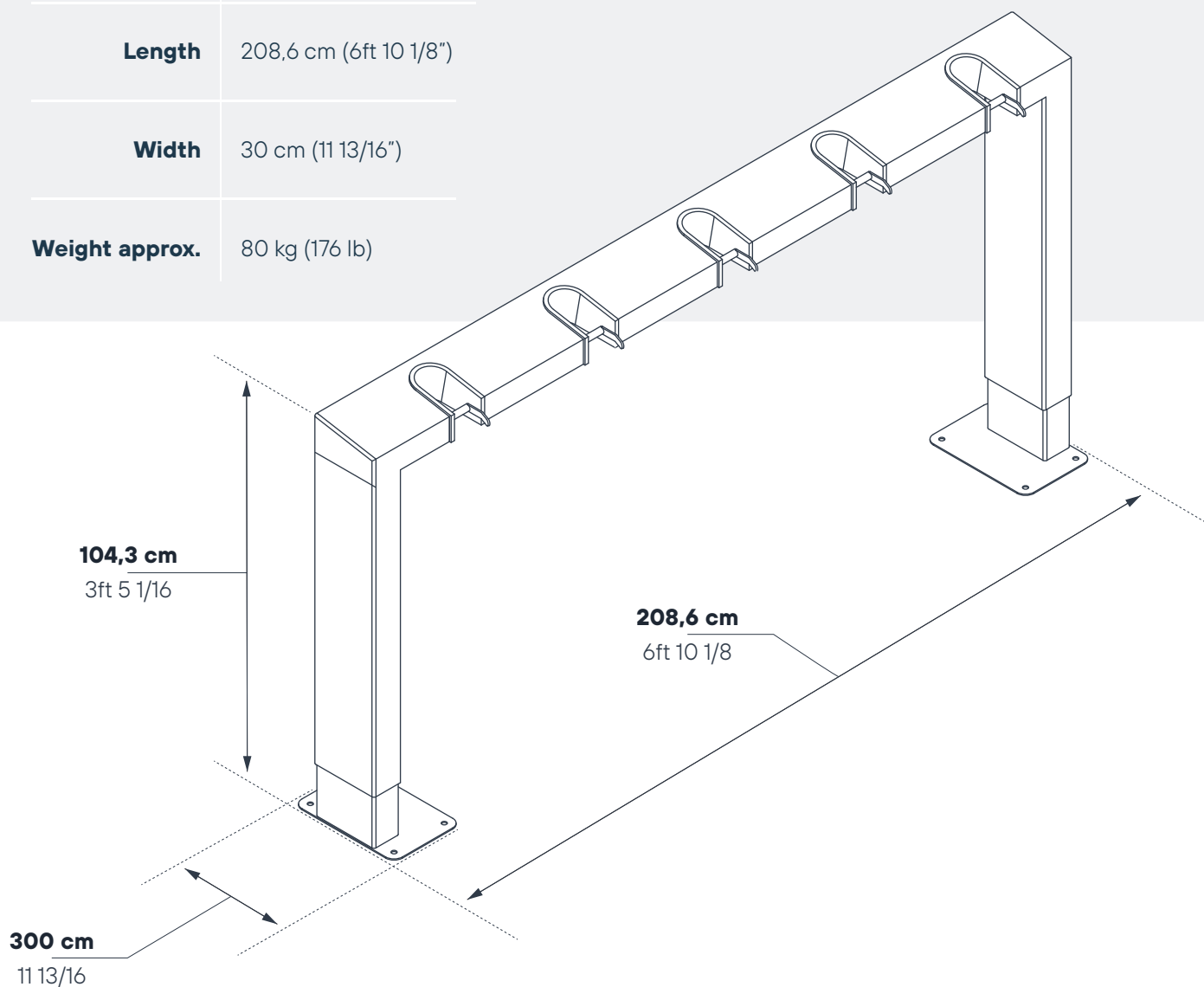
Led indication

Status (indication) LED shows the current state of the scooter station dock.

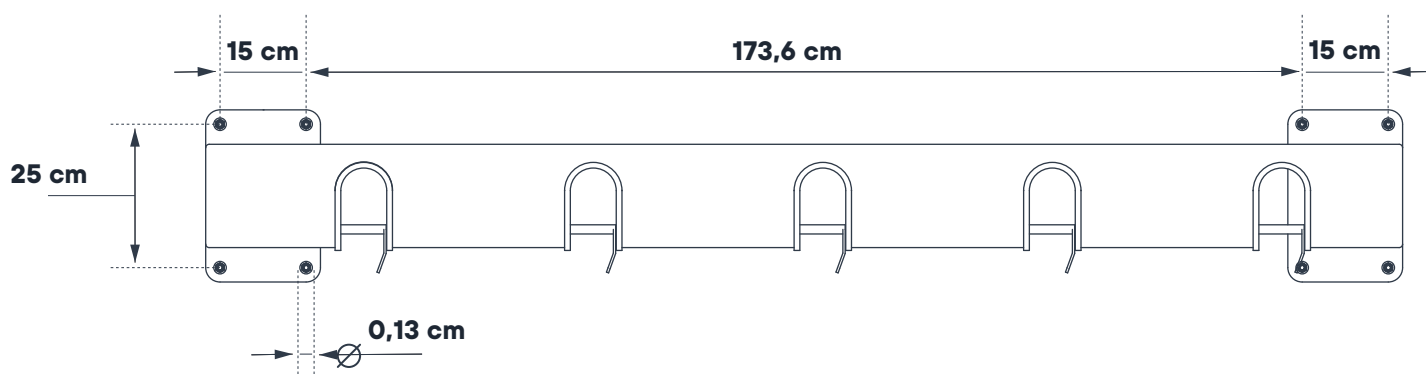


DIMENSIONS

Height	104,3 cm (3ft 5 1/16")
Length	208,6 cm (6ft 10 1/8")
Width	30 cm (11 13/16")
Weight approx.	80 kg (176 lb)



Installation and ground fixture

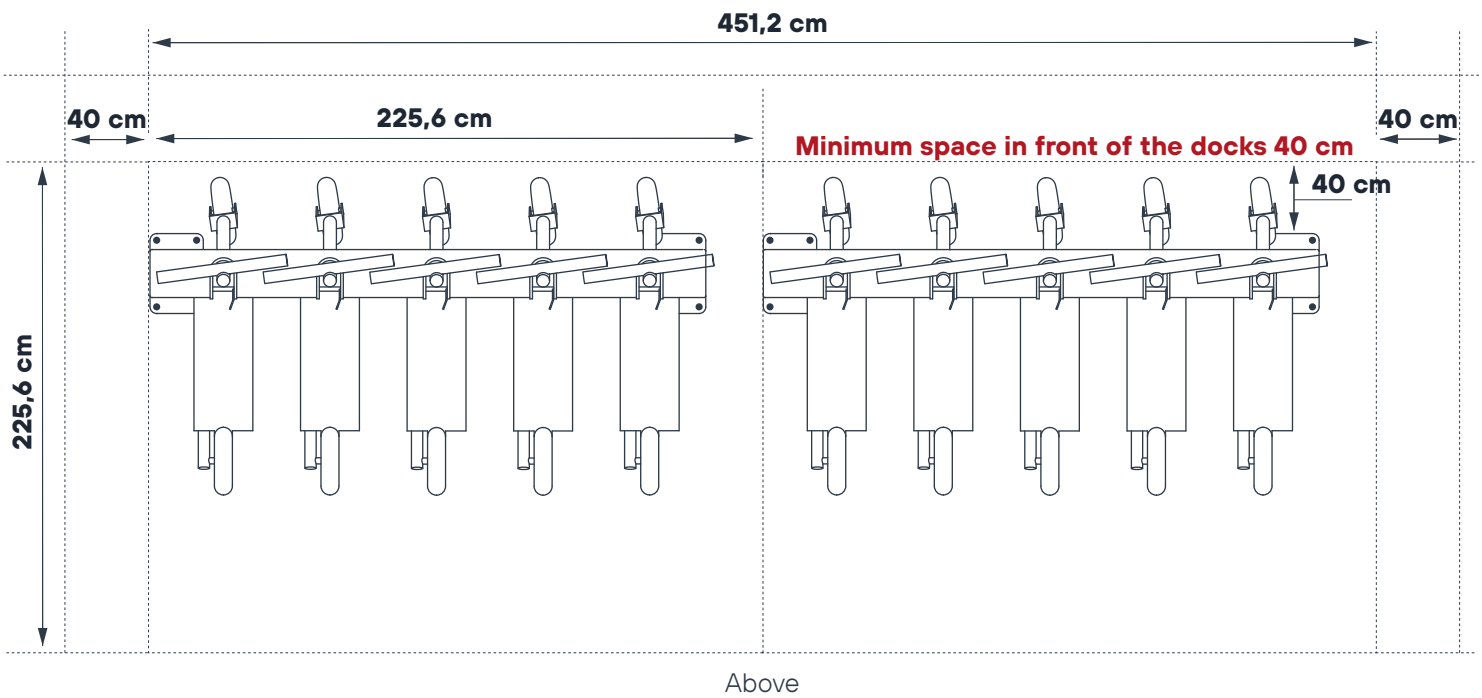
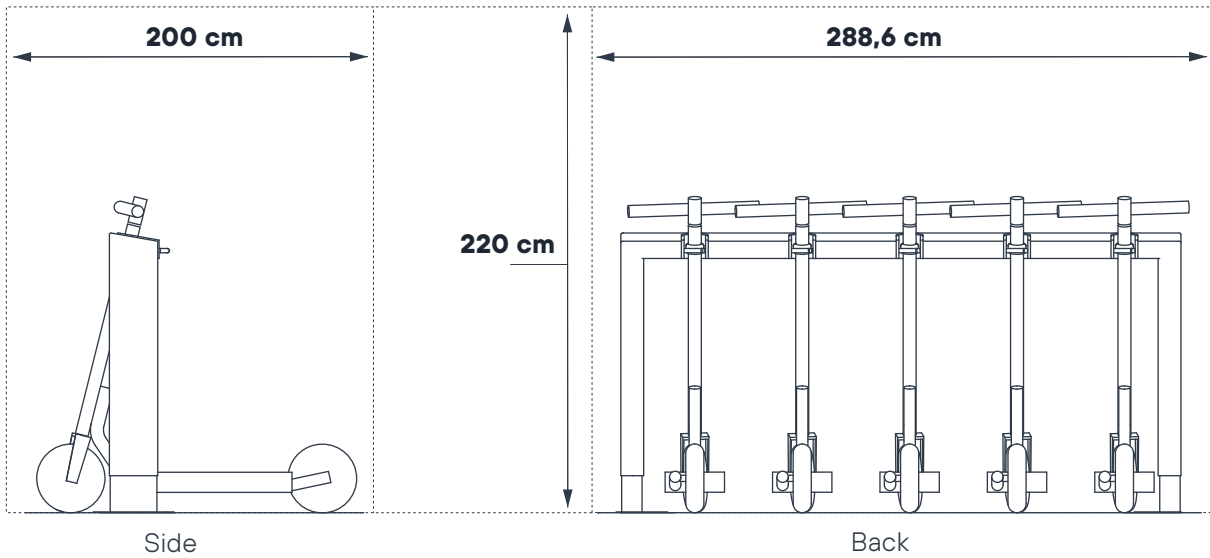


Operational dimensions

Height 220 cm (7ft 2 5/8")

Length 288,6 cm (9ft 5 5/8")

Width 200 cm (6 6 3/4")



Recommended **minimal maneuvering space** on the left and right of the station is 400 mm (15.75 inches).

The recommended **minimum width for station installation** is 2000 mm (78.74 inches).

Every five-place module adds 2256 mm (88.82 inches) to overall station length.

POWER REQUIREMENTS

Scooter locking only

Input voltage: 24DC or 110/230VAC
1W per dock and per the main controller 10W

Nr. of docks	Power consumption	Power requirement
5 dock station	15W	Less than 1A @230VAC or Less than 1A @110VAC
10 dock station	20W	Less than 1A @230VAC or Less than 1A @110VAC
15 dock station	25W	Less than 1A @230VAC or Less than 1A @110VAC
25 dock station	40W	Less than 1A @230VAC or Less than 1A @110VAC

Scooter locking & Charging station

Input voltage: 110/230VAC
⚠ Scooter chargers require line power 110/230VAC

Nr. of docks	Power consumption	Power requirement for E-charger Station
5 dock station	0.75kW	3.25A @230VAC or ~7 @110VAC
10 dock station	1.5kW	6.5A @230VAC or ~14A @110VAC
20 dock station	3kW	13A @230VAC or ~27A @110VAC

Calculations based on 150W e-scooter chargers that are charging at full load.
The actual power requirements may be smaller.



OPERATING ENVIROMENT



Operating temperature.
-35 °C to 70 °C.



Ingress Protection Rating
IP55



Operating humidity.
10% to 90% non-condensing.



MTBF
230 000h

Regulatory approvals



Materials

- 3 mm steel sheet metal
- Corrosivity category C4
- Teknos INFRALIT powder coating

