SXK-TS02

100 mm Red Green Traffic Light

A compact two-aspect LED signal for stop and go indication at parking entrances, exits and controlled vehicle lanes.



100 mm

Signal lens diameter

12 V DC / 220V

Operating voltage

Red and green

20 LEDs per colour

PC housing with sun visors
Horizontal or vertical installation

Technical specifications

Parameter	SXK-TS02
Signal configuration	Red and green, two aspects
Lens diameter	100 mm
LED quantity	20 red LEDs + 20 green LEDs
LED source	Taiwan Epistar
Red wavelength	620–625 nm
Green wavelength	500–505 nm
Operating voltage	12 V DC
Housing material	Polycarbonate (PC)
Product dimensions	300 × 150 × 85 mm
Operating temperature	−40 °C to +65 °C
Visibility distance	≥300 m
Service life	100,000 hours
Installation orientation	Horizontal or vertical

Wiring and Installation

12 V DC supply with a common negative connection and separate positive leads for the two signal colours.

Electrical connections

Wire colour	Connection	Function
Black	Common negative (−)	DC supply negative shared by both aspects
Green	Green positive (+)	Apply +12 V DC to illuminate green
Red	Red positive (+)	Apply +12 V DC to illuminate red

Connect the black wire to the supply negative. Feed the red or green positive lead from the appropriate 12 V DC control output. Disconnect power before wiring.

Dimensions and mounting

Product size 300 × 150 × 85 mm | Signal lens Ø100 mm

1. Loosen the nuts at the top and bottom of the light.
2. Fit the two L-type brackets and secure them with the nuts.
3. Drill two suitable holes in the mounting pole, then fasten the brackets to the pole.
4. Set the light horizontally or vertically as required. Position the visors above the lenses and keep the cable outlet at the bottom.

Handle the plastic housing carefully and avoid excessive force. Installation should be carried out under professional guidance. Do not dismantle the unit without authorization.

Supplied accessories

Item	Quantity
Red and green traffic light	1 set
L-type mounting bracket	2 pieces
QC certificate	1 copy
User manual	1 copy

Warranty and service

Two-year warranty for the main unit. Damage caused by misuse, natural disasters or other excluded factors is not covered. Accessories are excluded unless otherwise agreed for a customized product. Return shipping costs for repair are borne by the buyer.

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