

RAV laser scanner

Infrared laser scanner for RAV overheight vehicle detection · 5 x 5 m · 10 x 10 m · 25 x 25 m

RoHS
Compliant

WEEE
Marked

CE
Marked

Class III
Insulation

TECHNICAL FEATURES

Description

Infrared laser scanner for the RAV overheight vehicle detection system. A single sensor mounted at the roadside detects vehicles exceeding the set height and signals the RAV control unit, which activates flashers, traffic lights, message panel or siren. Detection length, width and minimum object size are set with the supplied IR remote control. Available in three detection areas; fixed-system versions with 10 m cable, mobile-system versions with THB 4P connector.



VARIANTS

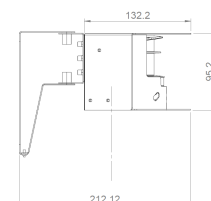
Detection area	5 x 5 m	10 x 10 m	25 x 25 m
Article no., fixed system	7820102	7820100	7820101
Article no., mobile system (THB 4P)	7822103	7822102	7822101

ELECTRICAL FEATURES

Power supply	10 ÷ 35 Vdc
Power consumption	< 5 W
Detection mode	Motion and presence
LED signal	1 blue LED: power-on status · 1 orange LED: error status · 2 bi-coloured LEDs: detection/output status (green: no detection, red: detection)
Wiring	Supplied with 10 m multipolar cable (fixed system); THB 4P connector (mobile system)
Programming	IR remote control (included)
Insulation class	Class III

MECHANICAL FEATURES

Operating temperature	-30°C ÷ +60°C
IP protection degree	IP65
Dimensions	188.37 x 152.4 x 212.12 mm (without brackets)
Weight	2.5 kg (cable included)
Materials	PC/ASA (laser); painted stainless steel (case and plate)
Fixing	Wall, 60 mm pole, 90 mm pole or band-it (pole brackets ordered separately)



Delivered with IR remote control, stainless steel case and wall mounting plate. Detection area is programmable within the stated maximum.