R6+ Portable Pedestrian Signal head

Item no. 87133-15C

The R6+ Portable Pedestrian Signal head is a part of a solution for integrating individual signals into a unified vehicle fleet.
The concept consists of the BerlexConnect software and the R6+ signal heads hardware. The user has full control of the traffic signals and make operational changes without visiting the traffic signals on-site.

Can be used in, Multiphase, Pedestrian crossing and Multiphase Pedestrian crossing.

TOPAS
A supplier of TOPAS registered products

Features

- Monitoring via smartphone, tablet or laptop
- Universal connectivity
- Cloud based platform
- Scalable system
- Unlimited signal heads
- Service friendly, all built in the signal head
- Extended runtime from days to months
- Versatile signal head mounting
- 24/7 - Instant supervision
- Unlimited operating distance
- Customizable access
- Traceability

Carriers & accessories

The signal head can be placed on a stand and it's also possible to use solar cell.

Pole with push button for R6+ Portable Pedestrian Signal
Item no. 87133-16C
Stabil stand 130 kg for R6+ Portable Pedestrian Signal
Item no. 87133-18
Solar cell package 50 w for R6+ Portable Pedestrian Signal
Item no. 87133-20

All carriers has are tested and approved in windtunnel at **>26 m/s.**

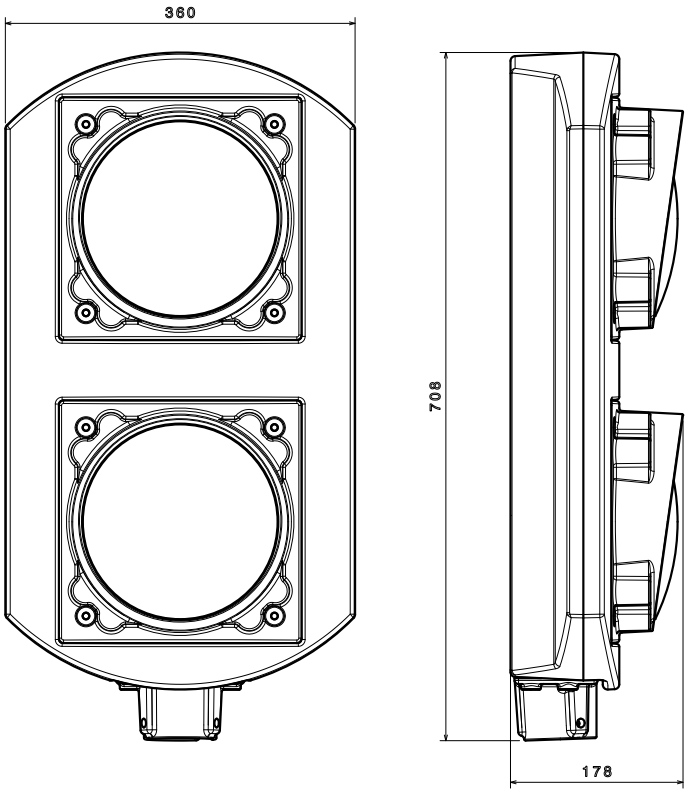
Specification

Appearance	
Color	Black
Handle	HDPE impact-resistant plastic
Material	Pedestrian
Signal Head	Traffic, Vehicle
Communication	
	Mobile network 2G/3G/4G, unbound operator Dual SIM-card
Controller	
Max. Pedestrian Crossings	Unlimited
Max. Pedestrian Heads	Unlimited
Max. Pedestrian Phases	Unlimited
Max. Signal Heads	Unlimited
Max. Traffic Phases	Unlimited
Max. Vehicle Heads	Unlimited
Environmental	
Bump	IEC 60068-2-27:2008 (with TOPAS 2130D, clause 2.4)
Cold	IEC 60068-2-1:2007 (with TOPAS 2130D, clause 3.2 as reference)
Damp heat Cyclic	IEC 60068-2-30:2005 (with TOPAS 2130D, clause 3.5 as reference)
Drop	IEC 60068-2 (with TOPAS 2130D as reference)
Drop and Topple	IEC 60068-2-31:2008 (with TOPAS 2130D, clause 2.5 as reference)
Dry Heat	"IEC 60068-2-2:2007 (with TOPAS 2130D, clause 3.3 as reference)"
Dust Ingress	SS-EN 60529:2014 edition 1.2 IP5X KAT II)
EMC	EN 50293 (2012)
Impact	EN 62262:2002/A1:2021 (TOPAS 2130D, Revision D, Date 06/06/23)
Impact Resistant	IR3
Random Vibration – Operational	IEC 60068-2-64:2008 (TOPAS 2130D, clause 2.2)
Shock	IEC 60068-2-27:2008
Water Ingress	SS-EN 60529:2014 edition 1.2 (IPX6)
Wind Tunnel Test	>26 m/s

Features	
Auto-Recovery	Yes
Call All-Red from any signal	BXC
Compliance	Topas 2540 B,D,E
Controller Au-to-sleep	Yes
Monitoring	Real-time tracking of unit
Signal Dimming	Integrated dimming for night-time operation
Measurement	
Depth (mm)	178
Height (mm)	708
Mount (mm)	60 mm Ø tubes
Width (mm)	360
Weight (kg)	7,1
Operating	
Administration	Cloud-service (BerlexConnect) accessed remotely from computer, mobile or tablet.
Distance	Unlimited
Max number of phases	Unlimited
Mode	Vehicle-, (radar) time- and manual controlled
Optical features	
LED currents	Constant current LED drivers, stable luminance, independent of the mains voltage tolerances.
Lights	LED 12VDC Red and Green
Performance	Level 3/2 M acc to EN12368
Power	
Battery	Optional to choose
Battery Replacement	A built-in battery allows replacement without downtime
Integrated Charger	Battery charger for internal battery.
No. of Batteries	Up to 2
Runtime on Single Charge	7–14 days, 1 x 12V/105Ah battery. With solar panel without battery change between april and october (measured in south Sweden).
Voltage	12 V DC

Specification

Radar & Radio	
Detection Technology	AGD 308
Operational Frequency	LTE GNSS
Radar	(AGD/MC-139)
Radar Frequency	24.150 – 24.250 GHz
Radar Power	(< 100 mW eirp)
Topas Certificate no	2024-0266



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