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.

Adaptable for use 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
Material:	HDPE impact-resistant plastic
Signal type:	Pedestrian

Communication
Mobile network 2G/3G/4G, unbound operator Dual SIM-card and Bluetooth.

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

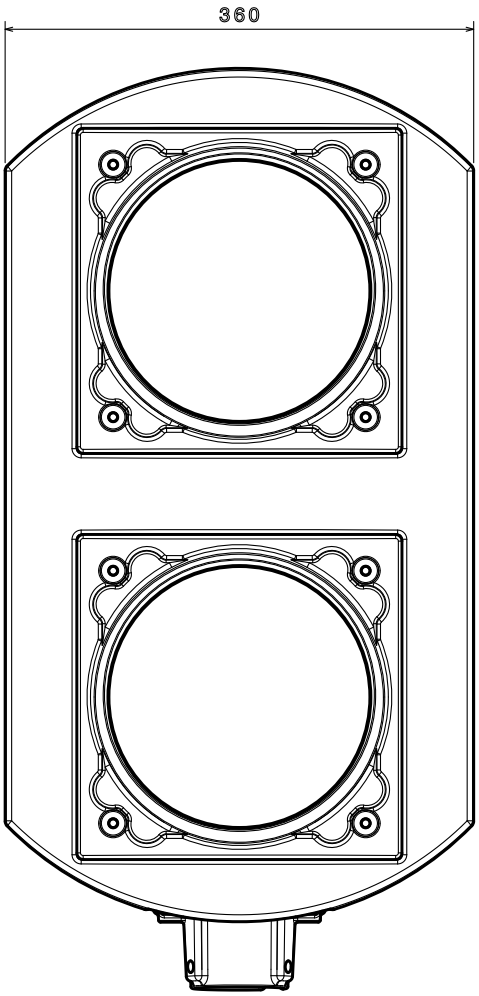
Features	
Auto-Recovery:	Yes
Call All-Red from any signal:	BXC
Compliance:	Topas 2540 B,D,E
Controller Auto-sleep:	Yes
Monitoring:	Real-time tracking of unit
Signal Dimming:	Integrated dimming for night-time operation

Measurement	
Depth:	178 mm
Height:	708 mm
Mount:	60 mm Ø tubes
Width:	360 mm
Weight:	7,1 kg

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:	Up to 10 days, 1 x 12V/105Ah battery. With solar panel without battery change between april and october (measured in south Sweden).
Voltage:	12 V DC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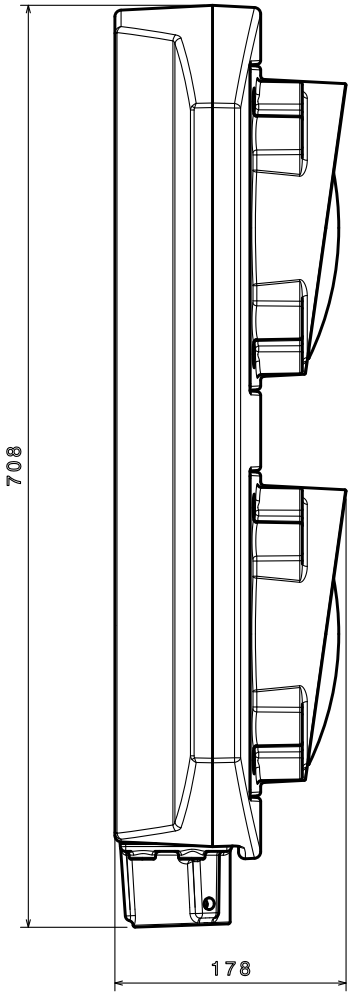
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