

# R6+ Portable Pedestrian Signal head

Itemno.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.

## 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
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## 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



**TOPAS**  
A supplier of TOPAS registered products



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



## Specification

### Appearance

<b>Color:</b>	Black
<b>Material:</b>	HDPE impact-resistant plastic
<b>Signal type:</b>	Pedestrian

### Communication Mobile network 2G/3G/4G, unbound operator

Dual SIM-card and Bluetooth.

### Controller

<b>Max. Pedestrian Crossings:</b>	Unlimited
<b>Max. Pedestrian Heads:</b>	Unlimited
<b>Max. Pedestrian Phases:</b>	Unlimited
<b>Max. Signal Heads:</b>	Unlimited
<b>Max. Traffic Phases:</b>	Unlimited
<b>Max. Vehicle Heads:</b>	Unlimited

### Environmental

<b>Bump:</b>	IEC 60068-2-27:2008 (with TOPAS 2130D, clause 2.4)
<b>Cold:</b>	IEC 60068-2-1:2007 (with TOPAS 2130D, clause 3.2 as reference)
<b>Damp heat Cyclic:</b>	IEC 60068-2-30:2005 (with TOPAS 2130D, clause 3.5 as reference)
<b>Drop:</b>	IEC 60068-2 (with TOPAS 2130D as reference)
<b>Drop and Tackle:</b>	IEC 60068-2-31:2008 (with TOPAS 2130D, clause 2.5 as reference)
<b>Dry Heat:</b>	"IEC 60068-2-2:2007 (with TOPAS 2130D, clause 3.3 as reference)"
<b>Dust Ingress:</b>	SS-EN 60529:2014 edition 1.2 IP5X KAT II)
<b>EMC:</b>	EN 50293 (2012)
<b>Impact:</b>	EN 62262:2002/A1:2021 (TOPAS 2130D, Revision D, Date 06/06/23)
<b>Impact Resistant:</b>	IR3
<b>Random Vibration – Operational:</b>	IEC 60068-2-64:2008 (TOPAS 2130D, clause 2.2)
<b>Shock:</b>	IEC 60068-2-27:2008
<b>Water Ingress:</b>	SS-EN 60529:2014 edition 1.2 (IPX6)
<b>Wind Tunnel Test:</b>	>26 m/s

### Features A

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

### Measurement

<b>Depth:</b>	178 mm
<b>Height:</b>	708 mm
<b>Mount:</b>	60 mm Ø tubes
<b>Width:</b>	360 mm
<b>Weight:</b>	7,1 kg

### Operating

<b>Administration:</b>	Cloud-service (BerlexConnect) accessed remotely from computer, mobile or tablet.
<b>Distance:</b>	Unlimited
<b>Max number of phases:</b>	Unlimited
<b>Mode:</b>	Vehicle-, (radar) time- and manual controlled

### Optical features

<b>LED currents:</b>	Constant current LED drivers, stable luminance, independent of the mains voltage tolerances.
<b>Lights:</b>	LED 12VDC Red and Green
<b>Performance:</b>	Level 3/2 M acc to EN12368

### Power

<b>Battery:</b>	Optional to choose
<b>Battery Replacement:</b>	A built-in battery allows replacement without downtime
<b>Integrated Charger:</b>	Battery charger for internal battery.
<b>No. of Batteries:</b>	Up to 2
<b>Runtime on Single Charge:</b>	Up to 10 days, 1 x 12V/105Ah battery. With solar panel without battery change between april and october (measured in south Sweden).
<b>Voltage:</b>	12 V DC

