



BERLEX
INTELLIGENT TRAFFIC SYSTEMS

BERLEX R6+ PEDESTRIAN SIGNAL SYSTEM **SAFER CROSSINGS WITH REMOTE MONITORING**

TOPAS Approved, cloud connected pedestrian signals with real-time control.

The Berlex R6+ pedestrian signal system is made up of two parts: the pedestrian crossing unit on site, and the BerlexConnect cloud platform behind it.

The pedestrian unit is the hardware you see on site. It includes the push-button unit, display, pole and base. It controls pedestrian crossing operation locally and is designed for reliable use on temporary sites. BerlexConnect is built into the unit and adds to the remote functionality, connecting it to the mobile network so it can be monitored and controlled from anywhere.

Through BerlexConnect you have real-time visibility of signal status, battery levels, system health and location. If there's a fault, vandalism or theft, you're notified instantly and can respond without travelling to site.

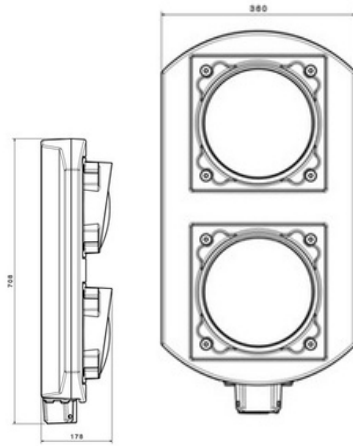
Each unit uses dual-SIM connectivity, switching networks automatically if one drops, so the system stays connected without interruption. Mobile coverage is the only requirement, there are no distance limits.

Single or multi-phase operations can be configured from a phone, tablet or laptop, with multiple units managed through the same platform. Multi-phase layouts and high-footfall areas are all supported.

Add single or multiple users to receive real-time low battery alerts, so your team is acting on live information rather than guesswork. Solar charging is also available to extend the time between battery charges.

For more information call: **01622 534000** or visit: **www.solargates.co.uk**





Technical Information

Description	Portable pedestrian signal system for managing temporary and permanent crossings with remote monitoring and control.
Control	Managed via BerlexConnect on mobile, tablet or laptop.
Connectivity	Dual SIM mobile network with automatic switching for continuous operation.
Configuration	Supports single and multi-phase pedestrian crossings. Can integrate with vehicle signals.
Power	12v battery system. Typical runtime 7 days. 14 days with 2 batteries.
Solar	Optional solar charging for extended operation.
Operation	Time-based or manual control via push button.
Administration	Remote access via BerlexConnect with controlled user permissions and system traceability.
Safety Features	Automatic system recovery and fail safe behaviour to maintain controlled crossings.

Base Options

Battery Trolley Base



Capacity	Holds 1, 2 or 3 batteries for flexible power configuration.
Access	Full swing-open door for safe roadside battery replacement.
Security	Bullet locks with optional keyed locks. Rolled lip edge deters theft.
Restraint	Internal locking wheels and integrated strapping points.
Post & Branding	Four-bolt post for pedestrian or traffic use. Rear-panel logo branding.

Stand 130 kg



Weight	130 kg, hand assembled with no single part weighing more than 25 kg.
Frame	Galvanised steel frame with 92 cm foot supports for wind stability.
Battery	Housed in three hollow ballast weights beneath the stand cap.
Pole	1.7 m pole with all cabling concealed inside.

For more information call: **01622 534000** or visit: **www.solargates.co.uk**

