

PPDU

Puffin Pedestrian Demand Unit

Features:

- Fully type approved by the UK Government to TR2181
- LED signal illumination gives high reliability, low maintenance and low power consumption
- Excellent optical performance in all weather conditions
- Lamp monitoring on both signals
- Die cast aluminium alloy housing and door to give extremely high impact resistance – exceeding EN 60598
- Minimised door aperture and polycarbonate legend to give high resistance to vandalism
- Resists all conditions of the environment – rated at IPX5X
- Operates from Extra Low Voltage for improved safety
- Electronics protected when door is opened or removed
- Capacity to fit additional terminal blocks Mounting arrangement allows easy upgrading of existing sites
- Single unit for quick, simple installation
- Comes fully prepared to accept both audible and tactile signals
- Complies with all interfacing requirements with controllers
- View limiter for ‘difficult’ sites

The Microsense Pedestrian Puffin Demand Unit has been designed to meet the requirements of TR2181.

The housing and door of the box are cast in aluminium, and finished to give a tough, corrosion resistant product. This unit can be used as a direct replacement utilising existing mounting arrangements.

The signal illumination is provided by LEDs, which give the PPDU a low power consumption, a long lifetime, a low maintenance requirement and good colour stability.

Access to the interior of the unit is via the hinged door, which is secured by a ‘T’ key lock. The legend panel is secured to the door assembly with a supporting plate, which greatly increases the strength of the legend.

Boxes are supplied with a pre-drilled mounting point, which may be used for a standard Audible or Tactile device. A second mounting point is available for a further Audible or Tactile device if required. Installed boxes may be upgraded with additional Audible or Tactile devices on site with a minimum of effort.



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SPECIFICATIONS

Housing:

Material:

Aluminium, yellow powder coated

Overall Dimensions:

470mm(H) x 125mm(D) x 220mm(W) (including hinges)

Weight:

7kg

Mounting method:

Bolts supplied as standard with fixing kit

Door:

Material:

Aluminium, black powder coated

Mounting method:

Attached to base by hinge at bottom (detachable when open) and by 'T' bolt at top. Door movement is restricted in normal use by a polypropylene strap.

Legend panel:

Material:

Polycarbonate

Illumination type:

LEDs

Tactile/Audible Equipment:

May be fitted to this equipment

Terminations:

The PPDU is fitted with one 12-way and one 6-way terminal block, as standard. There is capacity for a further three 6-way terminal blocks as required.

Ordering Information:

The unit may be fitted with an internal mesh louvre, for limiting the field of view from the unit, where site conditions require this.

PPDU2C – standard version

PPDU2L – left hand view

PPDU2R – right hand view

Notes: The PPDU may also be supplied as either a signal repeater or a push button repeater. Please refer to data sheet for Nearside Signal Unit and Nearside Demand Unit, for full technical specifications.

Microsense also supplies a push button box for use on pedestrian crossings at junctions, wig wags and similar requirements. Please refer to the MPB data sheet.

Please contact the Sales Department for further details or with enquiries about our product range.