

The Diamond PGS



PGS ZoneBuffer

Full solution Parking Guidance System

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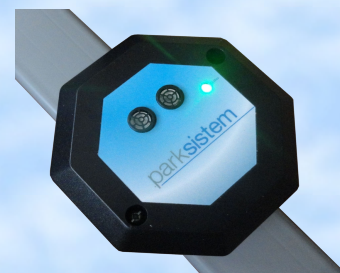
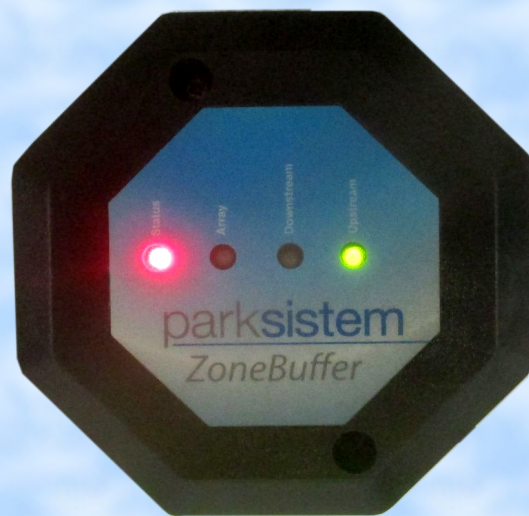
PGS ZoneBuffer.

The PGS ZoneBuffer is the first line control unit, designed to interface with sensors and Numeric displays via its communication ports. Its main function are:

1. Data collocation from the PGS Sensors.
2. Data analysis and compression.
3. Control of numeric displays on its Down-Stream ports.
4. Data relay to its Block buffer on its Up-Stream port.

Functional Specifications

- * Fully independent operation.
- * Automatic detection of sensors and displays.
- * Collects data from up to 250 sensors.
- * Control up to 32 numeric displays.
- * Addressable – Up to 16 ZoneBuffers can be connected in parallel
- * Indicator LED.
- * Easy installation.
- * Power consumption
- * Power supply
- * Communication protocols



Less than 200mW per unit
16V-24V
Daisy chain RS232 / Parallel RS485



Environmental specifications

Operating temperature
Storage temperature
Humidity
Material
Housing
Dimensions
Weight
Safety Standard
RFI/EMI Standard
European Standard

-20° to +70°
-40° to +85°
Up to 98% Non condensing
Polycarbonate
IP65
Octagonal 92mm X 50mm
100g
IEC 60950-1
IEC 61000
CE

Other features

Flexible installation options

Attached straight to the ceiling
Attached to conduit junction boxes
Suspended under metal/PVC cable-way

Lightning protection on all inputs and outputs.
Self test and Status LED for easy fault detection.
Hot swappable.
Low cost.