

## Wireless Gateways, Sensors & Actuators Q4/2014



ZBS-132

### Contact Sensor

Inspection of 2 internal door / window contacts and optional 1 external contact, free configuration of NCC / NOC (normally closed / normally open) contacts, optional detection of glass breakage, measurement of ambient sound level optional, battery powered



ZBS-130

### Handheld

Handheld pushbutton with optical & acoustic feedback, optional xyz acceleration sensor, battery powered



ZBS-160

### Water Leakage Sensor

Senses water through stainless steel contacts or external sensor cable, battery powered



ZigBee®



pikkerton GmbH  
Kienhorststraße 70  
13403 Berlin  
info@pikkerton.de



ZBG-100

### Plug Computer Gateway

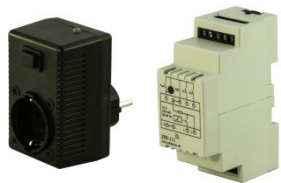
ZigBee-Gateway, Linux 2.6 Kernel, 1.2 GHz class ARM-based CPU, 512 MB RAM, 512 MB Flash, 10/100/1000 MBit/s Ethernet, RTC, SD-Card slot, integrated 230V power supply  
Software: ZBx device management, SNMP V1/2c/3, SNMP traps, SMTP, CSV, CSV push, Nagios / Icinga plugin, Nagios server (stand alone)



ZBS-141 / 144  
MBS-141 / 144

### Pulse Counter (Single / Quad)

Counting of 1 - 4 pulse inputs, measurement of 2 external temperature sensors, max. IP 66 rated, battery powered



ZBS-110V2/111  
MBS-110/111

### Smart Energy Meter – Smart Plug / Switch

Measures voltage & current (true RMS), frequency, mains analysis, detects voltage & current peaks and short voltage drops, handles power budgets and overload situations, integrated bistable relay switch, extreme long relay contact life time (1 Mio cycles) through SART technology, international plug systems



ZBS-120/121/122  
MBS-120/122

### Multi Sensors (indoor / outdoor)

Measures brightness, temperature, relative humidity, air pressure, CO2, PIR motion detector, battery powered



ZBS-112  
MBS-112  
16A / 32A

### Smart Cable Meter (16A / 32A)

Measures voltage & current (true RMS), frequency, mains analysis, detects voltage & current peaks and short voltage drops, handles power budgets and overload situations, various socket systems: IEC-60320 C19/C20, C13/C14, IEC-60309, Schuko (CEE 7/4, 7/7)



ZBS-170  
MBS-170

### Multi-I/O Module

90-265V AC Input, integrated power supply, ModBus-RTU master 2-wire with voltage driver (enabled via software), 8x digital input, can be configured as counter or S0 Type B, 1x relay output (NOC), 5A/230V  
1x 4..20mA (analog), 1x 0-10V (analog)  
DIN rail system 4U