

StarProx® Proxstation™

Access Control EM-Marin Reader EXS1312-CLK

The EXS1312 is the latest product release from Sierra Technology™. The EXS control system is a single-door reader/controller system that is designed to provide added reliability and efficiency. The EXS Series comes complete with a built-in proximity reader and security alarm. It offers the flexibility of being operated as a standalone unit or networked to a PC using our ST8000 StarTrack™ Software.

- Up to 16 readers can be multi-dropped onto a single RS485 bus.
- Up to 4,096 doors can be networked simultaneously to a single PC.
- Up to 8,192 readers can be linked to a single PC.
- Up to 8,192 readers can be linked to an integrated system (comprising multiple PCs).



•The EXS1300 Series is an EM compatible proximity card RFID reader and controller in one compact package.

•These products are designed with on-board integrated RF antenna to offer very high system reliability and consistent reading ranges.

•The Microchip PIC microcontroller powered reader also comes with 8Mb SRAM memory storage which is suitable for applications which require large storage of cardholders and real-time transactions on-board.

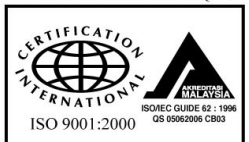
~ System Specifications ~

Communications	TIA/EIA RS-232/485 (115.2kbps max.)
Processor	Microchip PIC Microcontroller
Memory Capacity	20,000 cardholders 40,000 transactions
Data Memory / Retention	8 Mb SRAM Up to 4 weeks after a complete power off
Real-time Clock	Battery Backed (40mA, NiMH)
Input voltage	250mA, 12VDC
LCD display	2x20 characters with backlit ("–CLK" models only)
Keypad	3x4 digit with backlit
RFID Frequency / Standard	125KHz EM Compatible
Reading Range	Up to 100mm
Card Data Format	Wiegand 26/44 bit; 10 digit card ID
Casing Material	ABS (Beige Colour)
Casing Security	Special security tool required to remove casing cover
Anti-Tamper switch	Yes. Built-in micro-switch.
Dimensions	140mm (H) x 100mm (W) x 35mm (D)

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