



CADEANCO

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SBM3000 Readout Specifications

PHYSICAL SPECIFICATIONS:

Size:	240mm high x 198mm wide x 109mm deep
Weight:	1.6kg
Material:	Black polypropylene case
Sealing:	Rated to IP64 with lid closed or open
Temperature:	Operating temperature -20°C to +40°C Storage temperature -25°C to +70°C

INTRINSIC SAFETY APPROVAL: (for readout Serial Nos <3000I***> only)

International Standards: IEC 60079-0, Ed 6.0 (2011)
IEC 60079-11, Ed. 6.0 (2011)
IEC 60079-11 , Ed. 6.0 (2011)/Cor.1 (2012)

Australia/New Zealand Standards: AS/NZS 60079.0:2012
AS/NZS 60079.11:2011

Certification: A full copy of the IECEx Certification is available from:
<https://www.iecex-certs.com/#/deliverables/CERT/57714/view>

ELECTRICAL SPECIFICATIONS:

Power:	Internal Battery: 6 x AA cells, NiMH technology, 7.2V, 2.55Ah Charger: 240V Plug-pack Charger Module, 15v DC output Integrated intelligent charger
	Charge Time: Approximately 3 hours from flat
	Auto-off: 3-min, 10-min, 20-min or Disabled (user selectable)
Data Logging:	Input Channels: Dependant on wiring options, max of 20 channels Storage Capacity: All configurations can store a maximum of 1024 scans Data Storage Backup: 10 years without primary power Internal clock: Real-time clock, non-volatile operation 10-year count without primary power
	Scanning Intervals: Manual trigger (all modes) 10, 15, 30 seconds (all modes, selectable while scanning) 1, 2, 5, 10, 20 mins (all modes, selectable while scanning) 1, 3 hours (all modes, selectable while scanning)
Communications:	Baud Rate: 9600 baud, 8 data, 1 start, 1 stop, no parity Data Format: Date, Time, Data dependant on configuration Data Separator: Tab separated columns, text format Data Recovery: Custom WINDOWS Interface software

Cadeanco is continually improving its products and processes and as such, information contained in this document is subject to change without notice.