

# Product Data Sheet

## Sentinel Printer Output Serial to Parallel Converter

Sentinel access controllers offer users a versatile printer output. The output, from every Sentinel controller, enables reports to be generated for the last 4,000 events monitored by the Sentinel controller. These events can include not only card transactions, but also invalid card presentations, power failure to the controller, door alarms and the programming sequences carried out, amongst many other events.

This makes Sentinel the most easily useable system in its class.

Printers connected to the output must be compatible with the PCL level 5 printer language. Manufacturers such as HP, IBM and Lexmark offer a range of laser and inkjet printers suitable for connection to Sentinel. Check suitability of printers with the printer manufacturer.

Printers can have different kinds of interfaces. RS232 interfaces known as serial interfaces, and Centronics interfaces, known as parallel interfaces, are common examples.

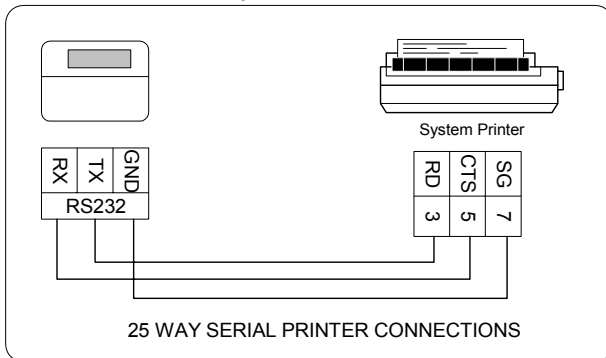
It may be necessary to introduce an interface converter between the Sentinel serial output and the Printer's parallel input. This converter will achieve that purpose, enabling reliable operation and Sentinel event printing.



# Sentinel printer converter

## Printer Connections

The illustration below shows typical connections details between the Sentinel controller and a standard 25 way serial printer port. The data output format of the Sentinel printer port is 9600 baud, 7 data bits, 2 stop bits and even parity.



## Technical Specification

DIP SWITCH			FUNCTION
1	2	3	BAUD RATE
ON	ON	ON	19200
ON	ON	OFF	9600
ON	OFF	ON	4800
ON	OFF	OFF	2400
OFF	ON	ON	1200
OFF	ON	OFF	600
OFF	OFF	ON	300
OFF	OFF	OFF	150
4			HAND SHAKE
ON			XON/XOFF
OFF			HARDWARE
5			DATA/STOP BIT
ON			7/2
OFF			8/1
6	7		PARITY
ON	-		NONE
OFF	ON		ODD
OFF	OFF		EVEN

## Ordering Information

### Part Number & Description

104009 – Sentinel Printer Output Converter

FUNCTION	CONVERTER SPEC'N
Connector input	RS-232, DB-25 Female
Connector output	Centronics, C36 Male
Buffer speed Serial	150 – 19200 bps
Buffer speed Parallel	Maximum 4K Byte/sec
DATA Bits	7/8
STOP Bits	1/2
Parity	None, Odd or Even
Communication Mode	DCE/DTE mode selectable
Handshake	Hardware or XON/XOFF
Enclosure	Metal
Weight	146g
Dimensions	100x55x22 mm

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