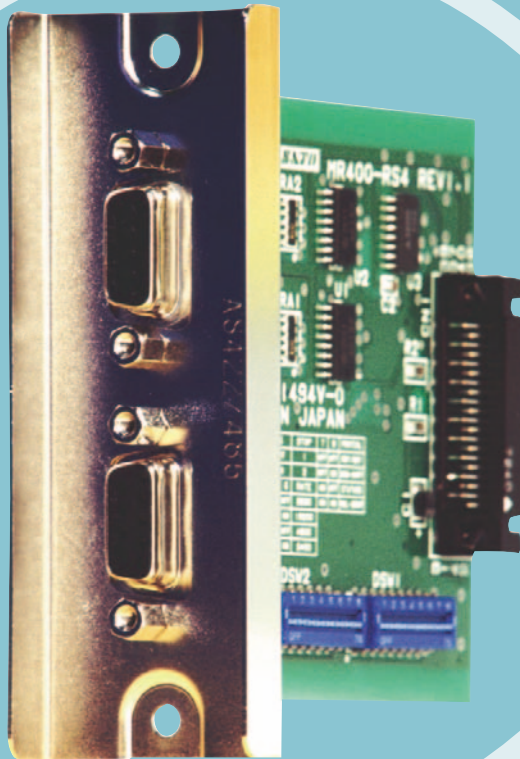


Interfaces



**Optimise communication between your SATO printer
and your computer system!**

This wide selection of SATO modular interfaces enables your SATO Printer
to be connected to almost every computer system.
SATO interfaces guarantees optimal data transfer and production speed!

Centronics Parallel

For all SATO printers that support plug-in interfaces

Connector:

Standard Centronics 36 Pin (Female)

Transmission Speed:

Up to 10k bytes per second

Port Type Compatibility:

Standard/Compatible/Output Mode Only

Printer Cable Type:

Standard Centronics Parallel (Cable not included)

Max. Printer Cable Length:

10 feet (3 meters)



Centronics Parallel

IEEE1284 High-Speed Parallel

For SATO printers only

Connector:

Standard Centronics 36 Pin (Female)

Transmission Speed:

Up to 450k bytes per second

Port Type Compatibility:

ECP/Bi-Directional compatible

Printer Cable Type:

IEEE1284 Compliant Parallel (Cable not included)

Max. Printer Cable Length:

10 feet (3 meters)



IEEE1284 High-Speed Parallel

RS232 Standard Serial

For all SATO printers that support plug-in interfaces

Connector:

Standard DB-25S (Female)

Settings via dip switch on the board:

Baud Rates: 2400, 4800, 9600, 19200

Parity: ODD, EVEN, NONE

Stop Bits: 1 or 2

Data Bits: 7 to 8

Communication Protocols:

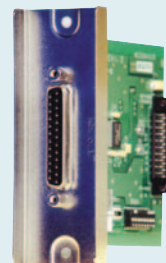
Ready/Busy, Xon/Xoff, SATO Status 2 and 3

Printer Cable Type:

NULL MODEM cable when connected to a standard PC RS232C port. (Cable not included)

Max. Printer Cable Length:

50 feet at up to 19,200 baud rate. Determined by cable quality and baud rate. Refer to the ANSI/EIA RS232C specification for more information.

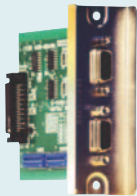


RS232 Standard Serial

Interfaces



RS232 High-Speed Serial



RS422/485 Standard Serial



Twinax/Coax

RS232 High-Speed Serial

For SATO printers only

Connector:

Standard DB-25S (Female)

Settings via dip switch on the board

Baud Rates: 9600, 19200, 38400, 57600

Communication Protocols:

Ready/Busy, Xon/Xoff, SATO Status 2, 3 and 4

Printer Cable Type:

NULL MODEM cable when connected to a standard PC RS232C port. (Cable not included)

Max. Printer Cable Length:

50 feet at up to 19,200 baud rate. Determined by cable quality and baud rate. Refer to the ANSI/EIA RS232C specification for more information.

RS422/485 Standard Serial

For all SATO printers that support plug-in interfaces

Connector:

2 Standard DB-9 (Female);

Supports Multi-Drop of up to 32 printers

Settings via dip switch on the board:

Baud Rates: 2400, 4800, 9600, 19200

Parity: ODD, EVEN, NONE

Stop Bits: 1 or 2

Data Bits: 7 to 8

Communication Protocols:

Ready/Busy, Xon/Xoff, SATO Status 3

Printer Cable Type:

RS422/485 Standard Cable (Cable not included)

Max. Printer Cable Length:

3,900 Feet (1200 meters)

Twinax/Coax

For all SATO printers that support plug-in interfaces

Converter:

EBCDIC to ASCII data stream translation

Connector:

Supplied with Twinax and Coax connector

Twinax Printer Emulations:

IBM 5225, 5256, 4214, 3812/5219

Coax Printer Emulations:

IBM 3287, 3262

Multiple Host Attachments:

IBM Twinaxial (S/3x and AS400)

IBM Coaxial (3174 and 3274 Controllers)

Wireless LAN 802.11b

now available for all enhanced printers

Universal Serial Bus

For SATO enhanced series printers only

Connector:

Standard Type B

Port Compatibility:

USB 1.0 on a PC running Windows 98 or 2000 only

Transmission Speed:

Up to 12 Mbits per second

Printer Cable Type:

USB A/B (6 feet cable supplied with interface)

Max. Cable Length:

6 feet to printer or Hub; up to 127 devices may be daisy chained using USB Hubs

USB Software:

Software/drivers supplied on a CD - Plug & Play Compatible



Universal Serial Bus

Ethernet - 10BaseT/100BaseTX

For SATO enhanced printers only

Connector:

RJ-45 on the interface (100BaseTX and 10BaseT)

Protocols Supported:

TCP/IP

Support Materials:

Printed Quick Start Guide
Software, Port Monitor Software

Cabling:

CAT5 (Cable not included)



Ethernet - 10BaseT/100BaseTX