



I-1003 Channel Printer Gateway

Highlights

The Channel Printer Gateway I-1003 provides connectivity for IBM and compatible channel printers to UNIX systems, local area networks and personal computers via standard interfaces, including Ethernet, Token Ring, Centronics, SCSI and serial interfaces.

The I-1003 Channel Printer

Connectivity Gateway allows peripherals to be shared among different local or remote computer platforms. It helps to protect hardware investments made in channel based I/O units.

The gateway is a powerful tool for Client/Server applications as well as for downsizing and rightsizing projects.

Supported are impact printers and laser printers with bus/tag channel interface and ESCON.

A switch permits sharing of printers by local and remote hosts.

From LAN to IBM Block Multiplex and ESCON

The Channel Printer Gateway converts a Centronics parallel interface into an IBM block multiplex channel, or into an ESCON channel. It allows connecting IBM channel printers directly to any Centronics port or LAN.

Centronics is the most popular printer interface available on almost all computer platforms and is supported by UNIX systems (IBM RS/6000, DG, NCR, ICL, HP etc.), local area networks (Token Ring, Ethernet and FDDI) and personal computers.

Serial Interface to IBM Block Multiplex and ESCON

A serial interface is available for remote printing applications. Supported are all common interfaces (V. 24, RS 232, V. 35, X.21, X.25, ISDN) with data rates up to 256 KBit/s.

Universal Character Set Support

The Printer Gateway performs code conversion from ASCII to EBCDIC code. Different character set images can be installed in the Gateway or down loaded by the host into a Universal Character Set (UCS) buffer. Resident and down loaded character sets can be activated under program control or manually by an operator.

Escape sequences can be used to deactivate code conversion for graphic bit images and to activate special printer functions, such as Barcode- or Label printing.

Forms Control

Forms movement is controlled by a Forms Control Buffer (FCB). Forms control format data can be down loaded or permanently installed in the Printer Gateway. Different forms control formats can be selected under program control or manually by an operator.

Connectivity

IBM Channel Printers to:

- UNIX Platforms
- LAN
- WAN
- PC

Supported Printers

Impact Printer
Laser Printer

Features

Universal Character Set
Forms Control
Escape Sequence Support

Supported Channel Protocol

ESCON
Block Multiplex Channel
Channel Type 2
Channel Type S

Host Interface

Centronics Parallel
SCSI
Ethernet
Token Ring
V.24, RS 232
ISDN

Specifications

Supported Printer

IBM Channel Printer
Laser Printer
Impact Printer

Power

110/240 VAC
48 to 63 Hz
0,1 KVA
0,3 KBTU p.a.

Channel Protocol

ESCON
Block Multiplex Channel
Channel Type 2
Channel Type S

Operating Temp.

Temperature 16 to 32° C
60 to 90° F
Relative Humidity 15 % to 95 %

Interface

Centronics parallel
Ethernet, Token Ring
V24, RS232, ISDN

Dimensions

Width: 17.6 inches (44,7 cm)
Height: 4.0 EIA HU (17,8 cm)
Depth: 19.7 inches (50,0 cm)
Weight: 17.6 lbs. (8,0 kg)

Westpoint Peripherals Ltd
Felton Lane
Felton
Bristol, BS40 9UX
Tel: +44 (0)1275 474740
Fax: +44 (0)1275 474760
E-mail: sales@wpoint.co.uk
<http://www.wpoint.co.uk>