



## Connectivity - IAPS TN5250e Series

### Advanced Intermate Print Server for plug'n print AS/400, iSeries and i5 printing



The IAPS TN5250e adds TN5250e capabilities to your LAN network printers, ranging from label printers to digital copiers. No installation is required on the printers, as all configuration is done from a single central point – for up to 64 printers. There is no need to configure printer devices, TCP/IP or queues on the host.

**SCS Emulation:** The IAPS TN5250e\SCS emulates SCS Native Mode Printing using the Intermate SCS/DCS protocol conversion engine. This engine is controlled by drivers you can customize – even adapting them to conform to features in other protocol conversions. Each driver configuration is stored in an “IDB file”, editable via your web browser.

**Transparency Mode:** The IAPS TN5250e\SCS supports Transparency Mode if you have the Host Print Transform (HPT) feature on the host. The IAPS reports printer errors to the host, preventing loss of print data by providing the same level of status reporting known from legacy Twinax printers. If you only need Transparency Mode, the IAPS TN5250e\HPT model will meet your needs.

- Host printing to any LAN printer
- Easy Host queue and LAN association
- Printer auto-configures on the host
- Scalable up to 64 sessions
- Full status reporting as known from Twinax printers
- SCS emulation offloads data conversion from the host
- Built-in Java editor for protocol conversion (“IDB”) files for SCS emulation
- Optional remote print server management by Intermate GateManager™

# Technical information



## Supported IBM Host Print Platforms

- i5-iSeries-AS/400 Operating System OS400 V4R1-R5, or V5R1-R3 or newer versions
- AS/400 Operating System OS/400 V3R7 with PTFs installed

## User Configurable SCS Protocol Conversion (native SCS mode)

- EBCDIC character conversion
- SCS command conversion (fonts, media, trays etc.)
- Text string conversion
- Native and other 3<sup>rd</sup> party ASCII transparency modes
- EBCDIC hex dump
- Forms or Finishing support through customised trigger definitions

## General Hardware Features

- 133Mhz x86 class CPU
- Network interface: 10/100 Mbit Ethernet
- Power: 7-20V DC (max 15W) via external power supply
- 155mm x 150mm x 30mm, 950g
- 2 years warranty (return to base)

## Supported Network Printers

- For HPT: Any printer supporting IBM Host Print Transform (HPT)
- For SCS emulation: PCL printers through InterMATE IDB protocol conversion files (IDB files can be downloaded from the IDB collection in the InterMATE web site)

## Configuration

- IP configuration: DHCP, Fixed, InterMATE Management and Configuration Utility (IMCU)
- Host device to printer association: Web GUI (HTTP)
- Online IDB file editing for TN5250e/SCS: Java applet through Web browser
- Firmware upgrade: Web GUI (HTTP) or GateManager™

## Approvals

- CE EN609050
- CE EN55022 Class A
- CE EN55024
- FCC Class A

## SCS/DCA features supported

- Features supported are dependent upon host software for selection and use
- SCS and SCS/DCA L2 data streams
  - 5 bin paper input and duplex
  - Computer Output Reduction (COR) / Automatic Page Orientation (APO)
  - IBM font selection using FGID or CPI
  - IBM ASCII transparency
  - Multiple code pages and box drawing
  - Full OfficeVision/400 support

## Performance<sup>1</sup>

- Total throughput: 160Kbytes/second, corresponding to an average of 600ppm

## Emulated IBM printer

- IBM 3812-01

## Product Program<sup>2</sup>

Product name and model	# sessions	Product name and model	# sessions
<b>SCS emulation</b>		<b>Host Print Transform</b>	
IAPS TN5250e/SCS 200-1	1	IAPS TN5250e/HPT 200-1	1
IAPS TN5250e/SCS 200-2	2	IAPS TN5250e/HPT 200-2	2
IAPS TN5250e/SCS 200-4	4	IAPS TN5250e/HPT 200-4	4
IAPS TN5250e/SCS 200-8	8	IAPS TN5250e/HPT 200-8	8
IAPS TN5250e/SCS 200-16	16	IAPS TN5250e/HPT 200-16	16
IAPS TN5250e/SCS 200-32	32	IAPS TN5250e/HPT 200-32	32
IAPS TN5250e/SCS 200-64	64	IAPS TN5250e/HPT 200-64	64

### Upgrade license certificates

You can upgrade to a model with additional sessions using the same hardware: please contact us for information on license certificates. It is also possible to upgrade from the HPT model to the SCS model via certificate.

### Remote Management via GateManager

Please contact us for information about GateManager and how you can use it for remote monitoring of large numbers of network devices such as the IAPS TN5250e.

## Notes

- <sup>1</sup> Performance: Total throughput achieved depends on printer model, printer settings, application and system environments, and number of sessions
- <sup>2</sup> Each session in the TN5250e/SCS can be configured for either HPT or SCS

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