

AK-13X/13PC EFT modules



Users:

Recommended for Retailers, Chemists, Doctors, Accountants, Stock Brokers, Travel Agents and Hotel Managers who require access to financial institutions and credit authorisation organisations.

Benefits:

Connect up to 8 personal computers, cash registers or point-of-sale terminals to a X.25 network and protect confidential transactions by attaching one of Akyman's security modules. In stand-alone mode provides the most economic Card Authorisation configuration.

Applications:

All services provided under the generic name of Electronic Funds Transfer (EFT) are protected by Akyman's range of security products:

- Card validation
- Search by name
- On-line Bill-Payments
- Real-time Payroll disbursement
- Remote Banking services (transfers, loans, enquiries, tax returns and many more)

Operation:

Use the EFT module stand-alone, attach it to a RS232 port or insert it into your personal computer, then connect the phone line and switch on the system. The terminal will provide on-line financial services and remote information access at your finger tips.

Interface:

The AK-13X and AK-13PC modules are interfaced to Casio POS terminals.

Technology

PROCESSOR	80188
MEMORY SIZE	128 KB (EEPROM) 128/384 KB (SRAM)
LANGUAGE	C, downloadable

Communication Interfaces (ISO)

PORT 1 (multi-drop)	RS422-A/RS485, up to 48,000bps
PORT 2 (serial)	RS232-C (PC, ECR), 9600bps
PORT 3 (serial)	RS232-C (PIN-PAD), 9600bps
PORT 4 (ISO MODEM) Physical	Direct connect: CCITT V.21/V.22 V.25 Auto-Answer/Dial/Disconnect V.54 Loop-back (Originate/Answer) Leased or Switched (DTMF/PULSE) lines
Data-link	HDLC-NRM/X.28 protocols Asynch/Synch transmission Master/Slave modes
Network	CNP/CHAR-MODE
Transport	NULL/OSI

Environment Specifications

TEMPERATURE (degrees)	Operating 0°C (32°F) to 45°C (113°F) Storage - 10°C (14°F) to 70°C (128°F)
HUMIDITY (per cent)	Operating 10% to 80% Storage 5% to 90% non-condensing

Power Requirements

AC TO DC (power pack)	+5V, 2W and +12V, 1W
PC BUS	+5V, 8W
BATTERY	Dallas socket

Model Types

Model Number	AK-13PC	AK-13X	AK-13N
OSI LAYERS	1, 2, 3, 4	1, 2, 3, 4	1, 2
PORT 5 (DTE parallel)	PC AT BUS	NO	NO
CASH-DRAWER INTERFACE	2 wires	NO	NO
HEIGHT (millimetres)	102mm	76mm	76mm
WIDTH (millimetres)	20mm	115mm	115mm
LENGTH (millimetres)	144mm	246mm	246mm
WEIGHT (grams)	280g	700g	700g



A K Y M A N

PROPRIETARY LIMITED

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