

Printer and Network Connectors

- Printer Connector
 - 3 x Centronics (IEEE1284A, 25 pin Centronics Connector, 1284.4 compatible)
 - 1 x Serial (DB9 Connector)
 - Baud rate (150-115200)
 - Flow Control (xon, dsr, both)
 - Data bits (5,6,7,8)
 - Stop bits (1 or 2)
 - Parity (none, even, odd)
- Network Connection (logical)
 - IEEE 802.3 (10BaseT Ethernet)
 - IEEE 802.3 (100BaseTX Fast Ethernet)
- Network Connection (physical)
 - RJ45 (STP Cat.5)

Configuration and Management

- InterCon-NetTool
- MS Windows (XP, 2003 Server, 2008 Server, Vista, Windows 7)
 - Microsoft Windows (95, 98, Me, NT 4.x, 2000, XP, Server 2003, Vista)
 - Linux (RPM based installation)
 - Macintosh (MAC OS 10.x)
- Printer Wizard (Printer Installation Assistant)
 - Microsoft Windows (95, 98, Me, NT 4.x, 2000, XP, Server 2003, Vista)
- Internal Printserver WEB (Monitoring, Configuration, Administration, Firmware Update)
 - Minimum Browser Requirement: Frame compatible
- HP Tools (Compatibility / Support)
 - HP WebJetAdmin
 - HP JetAdmin
 - HP Install Network Printer Wizard
- EPSON Tools (Compatibility / Support)
 - EpsonNet WinAssist
 - EpsonNet MacAssist
 - EpsonNet WebAssist
 - EpsonNet WebManager
 - EpsonNet DirectPrint (LPR)
 - EpsonNet InternetPrint (IPP)
- Kyocera Tools (Compatibility / Support)
 - KPM
- FTP
- SNMP
 - SNMP-MIB II compatible, SEH private enterprise MIB
- Apple virtual printer
- Bonjour

Supported Operating Systems

- Microsoft Windows
 - 95
 - 98
 - Me
 - NT 3.x
 - NT 4.x
 - XP
 - 2003 Server
 - 2008 Server
 - Vista



- Windows 7
- Apple Macintosh
 - Mac OS 7.x
 - MAC OS 8.x
 - MAC OS 9.x
 - MAC OS 10.x
- Novell NetWare
 - NetWare 3.x
 - NetWare 4.x
 - NetWare 5.x
 - NetWare 6.x
- Systems with TCP/IP Support
 - Linux Systems
 - System V Systems (SCO, SunOS 5, IBM AIX, HP-UX, Reliant UNIX 5.x, ...)
 - BSD Systems (BSD 4.x, SunOS4, ...)
 - IBM Systems (OS390/400, ...)

Supported Protocols

- TCP/IP
 - IPSec, DHCP, BootP, ARP, IPv4, IPv6, IPv6 / TCP, IPv6 / ICMP, IPv6 / FTP, IPv6 / FTPs, IPv6 / TFTP, IPv6 / HTTP, HTTPs, IPv6 / SSL, TLS, TCP, IPv6 / Raw TCP, UDP, ICMP, IGMP, FTP, FTPs, TFTP, LPD, HTTP, HTTPs, ZeroConf, DNS, SLP, SNMPv1, SNTP, SMTP, POP3, SSL/TLS, IPPv1.0, IPPv1.1, Raw TCP, Apple Bonjour
- AppleTalk (EtherTalk/TokenTalk)
 - AARP, RTMP, ADSP, ATP, NBP, ZIP, ATSP, PAP, DDP, BCP1, BCP2, TBCP
- NetWare
 - IPX, SPX, SPX2, SAP, SNAP, NCP, NCP Burst Mode, NDS, NDPS, PureIP, RIP, Bindery, R/N Printer
- Windows
 - SMB/CIFS (NetBIOS over TCP/IP), WINS

Printing Protocols and Methods

- Socketprinting / Raw TCP
- LPR/LPD printing
- IPP v1.1 printing
- AppleTalk printing
- HTTP printing (encrypted and un-encrypted)
- HTTP printing (beyond Proxy Server / Internet printing)
- ThinPrint printing
 - ThinPrint SSL printing
- FTP printing
- NetBIOS printing
- Novell iPrint (LPR and IPP)

- NDPS printing (IP/IPX)
- Bindery printing
- R/N printing
- POP3 printing
- Bonjour printing service
- KonicaMinolta GDI

Security

- IPSec
- SSL 3.0
- TLS 1.0
- HTTPs
- 802.1X
 - EAP- MD5 Authentication
 - EAP- TLS Authentication
 - EAP- TTLS Authentication
 - EAP- FAST Authentication
 - EAP- PEAP Authentication
 - Cisco EAP (LEAP) Authentication
 - Cisco EAP (LEAP)
- IPsender protection ("user access list")
- Access control
- Certificate Management
 - Self signed Certificate
 - Certificate request
 - Root Certificate
- Password Protection
- NetWare Packet Signature Level 1,2,3

Supported Languages

- English
- German
- French
- Spanish
- Italian
- Portuguese
- Japanese
- Korean
- Chinese (traditional)
- Chinese (simplified)

Technical Data

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- Tests (Notifications)
 - CE: EN55022 Class B, EN55024, EN60950
 - FCC Class A
 - TÜV GS
- Operating Environment
 - Ambient temperature 5 - 40 °C
 - Relative humidity: 20 - 80 %
 - Indoor use only
- Hardware
 - 4MB Flash
 - 16MB RAM
 - ISA based RISC Processor / 60 Mhz
- Power Supply
 - internal Power Supply (Input: 100-240V~; max.0.25A)
- Dimensions (Depth, Width, Height)
 - 215 x 195 x 45 mm
- Weight
 - 1235 g

Package

- PS104 Print Server
- Installation Manual
- Software Quick Reference
- Product CD
- Voltage supply cable

Order Numbers

- M04430 (Euro)
- M04432 (US)