

### Printer and Network Connectors

- Printer Connector  
CBM / Citizen Centronics
- Supported Printers  
Citizen CT-S300, CT-S310, CT-S2000, CT-S4000, PPU-700, CD-S500
- 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  
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
- 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

- Printer Connector
  - CBM / Citizen Centronics
- Network Connection (logical)
  - IEEE 802.3 (10BaseT Ethernet)
  - IEEE 802.3 (100BaseTX Fast Ethernet)
- Network Connection (physical)
  - RJ45 (STP Cat.5)
- Tests (Notifications)
  - CE: EN55022 Class B, EN55024
  - FCC Class A
  - VCCI Class B
  - WEEE
  - RoHS
- Operating Environment
  - Ambient temperature 5 - 40 °C
  - Relative humidity: 20 - 80 %
  - Indoor use only
- Hardware
  - 4MB RAM
  - 16MB RAM
  - ISA based RISC Processor / 60 Mhz
- Power Supply
  - internal (via Printer)

- Dimensions (Depth, Width, Height)
  - 72 x 86 x 25 mm
- Weight
  - 85 g

### Package

- PS112 Print Server
- Installation Manual
- Software Quick Reference
- Product CD

### Order Numbers

- M04440