Cyclades® OnSite
Branch Office Appliance

Advanced Out-of-Band Management for Branch and Remote Offices

Cyclades® OnSite branch office appliance provides both remote sites and branch offices with a compact, cost-effective solution for managing IT assets. Unlike competitive offerings, the Cyclades OnSite appliance has been designed specifically for co-located remote KVM and console asset management. It may be used to access up to 16 traditional or headless servers, networking devices, infrastructure components or any other device with a serial console or KVM port. Cyclades OnSite appliance combines the functionality of Avocent’s KVM over IP switches with console management features in a single appliance for effective, consolidated remote management.

Cyclades OnSite appliance’s KVM interface uses high performance KVM over IP technology; its console management features include native support for Microsoft® Windows® 2003 EMS protocol, data buffering, event notifications, and direct access to any console ports. Using an onboard Web browser interface, Cyclades OnSite appliance does not require special client software.

Applications
• Easily access, diagnose and restore IT assets
• Receive proactive notifications of problems, and manage them before they become crises
• Perform virtual administration over UNIX®, Linux®, AIX®-, Solaris™-based operating systems, Windows platforms and network infrastructure components

Benefits
• Eliminate site visits to revive IT assets or to install software updates
• Reduce mean time to recovery (MTTR) significantly and increase asset and personnel productivity
• Achieve console or BIOS-level control over any IT device with a serial console or KVM port
• Eliminate separate KVM- or console-specific management platforms

Cyclades OnSite appliance is:

Powerful
• Leverages embedded Linux technology

Flexible
• Offers a variety of configurations and remote access paths

Secure
• Supports SSL/SSH, modem dial back and server-based authentication schemes (e.g., LDAP, Kerberos)

Efficient
• Integrates disparate management functions

Cost-Effective
• Eliminates KVM-to-serial adapters and external power supplies

Simple to Deploy
• Includes configuration wizards and DHCP support
Hardware Specifications

**CPU:** PowerPC MPC859 @ 133 MHz

**Memory:** 128 MB SDRAM/128 MB flash

**Interfaces:**
- 1 Ethernet 10/100BT on RJ-45
- 1 RS-232 console on RJ-45
- 2 RS-232 DTE on RJ-45 for power manager or external modem
- 1 V.92 internal modem on RJ-11
- 4 or 8 RS-232 serial ports on DB-9
- 4 or 8 KVM ports on RJ-45

**Dual PC Card Slots Supporting:** Secondary Ethernet, wireless Ethernet, GSM, CDMA, GPRS, ISDN, fiber optic, data storage

**Power:** Universal AC, 100–240 VAC, 50/60 Hz, 0.7 A max

**Environmental:**
- **Operating Temperature:** 50°F to 122°F (10°C to 50°C)
- **Storage Temperature:** –40°F to 185°F (–40°C to 85°C)
- **Humidity:** 5% to 90% noncondensing

**Enclosure:** Powder-coated steel

**Dimensions:**
- (WxDxH) 17 x 10.5 x 1.75 in. (43.18 x 26.25 x 4.45 cm)

**Certifications:**
- FCC part 15A
- EN55022
- A (CE)
- EN55024
- EN60950
- CSA
- C-Tick
- ICES-003
- VCCI

<table>
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<tr>
<th>Part Number</th>
<th>Model</th>
<th>Description</th>
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<tr>
<td>ATP7441</td>
<td>Cyclades OnSite 441</td>
<td>4 console ports and 4 KVM ports; 1 remote and 1 local user</td>
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<tr>
<td>ATP7841</td>
<td>Cyclades OnSite 841</td>
<td>8 console ports and 4 KVM ports; 1 remote and 1 local user</td>
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<td>ATP7881</td>
<td>Cyclades OnSite 881</td>
<td>8 console ports and 8 KVM ports; 1 remote and 1 local user</td>
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<td>ATP7882</td>
<td>Cyclades OnSite 882</td>
<td>8 console ports and 8 KVM ports; 2 simultaneous remote KVM users or 1 remote and 1 local user</td>
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<td>ATP4610</td>
<td>Cyclades KVM Terminator PS/2</td>
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<td>ATP4620</td>
<td>Cyclades KVM Terminator Sun USB</td>
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<td>ATP4650</td>
<td>Cyclades KVM Terminator USB PC</td>
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<td>Cable DB-9 female to RJ-45 male crossover 6 feet</td>
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<td>CAB0286</td>
<td>Cable DB-9 female to DB-9 female crossover 6 feet</td>
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Features

**Security**
- SSHv1 and SSHv2
- Local, RADIUS, TACACS+, LDAP, NIS, NTLM, Active Directory and Kerberos authentication
- Token-based strong authentication (RSA SecurID)
- Local backup user authentication support
- PAP/CHAP authentication (for dial-up lines)
- Dial-back support
- IP packet and security filtering
- User access lists
- System event syslog
- IPsec support

**Console Management**
- Sun break-safe (Solaris Ready™ Certified)
- Break-over SSH support
- Windows Server 2003 EMS support
- Offline data buffering – local or remote (NFS/Syslog)
- Time stamp for data buffering
- Unlimited number of simultaneous sessions to serial ports
- Simultaneous access on the same port (port sniffing)
- Event notification (e-mail, pager, SNMP trap)

**System Management**
- Configuration wizard for first time users
- Command line interface (Linux Shell)
- Web Management Interface (HTTP/HTTPS)
- On-screen display for local configuration
- SNMP
- Optional integrated power management with Cyclades PM intelligent power distribution units (IPDUs)

**Server Management via KVM**
- Simultaneous access on the same port
  - Cyclades OnSite 441, 841, 881, 882 appliances – 1 local and 1 remote user
  - Cyclades OnSite 882 appliance – 2 remote users
- Support for VGA resolutions up to 1280 x 1024 @ 60 Hz
- CAT5-based KVM terminators for PS/2, PC USB and Sun USB keyboard and mouse interfaces

**Upgrades**
- Upgrades available via FTP
- Flash upgradable
- TFTP support for network boot

**Additional Protocols Supported**
- DHCP for dynamic IP address assignment
- PPP/SLIP for dial-up connections
- NTP for time server synchronization
- RFC2217 support for remote serial port access