

### CS-116



**DC** 12V, 24V and 48V DC Power options

#### Serial Console Server Benefits

- ▶ Designed for SUN Solaris or other headless servers
- ▶ Supports all rackmount serial equipment including hubs, routers, modems, UPs & PDU
- ▶ Supports all common O/S including Linux, Solaris, Windows Server 2003

#### Switch Features & Options

- Near real time console performance allows remote server / device management
- Independent support for multi servers and different operating system
- Utilizes Cat6 cables allow field termination of cable length
- Multi level authentication via local database security
- SMTP e-mail alert functions for critical events

#### Designed for Branded Headless Servers :



- SUN** Sun Fire / Netra / Blade series  
Sun SPARC Enterprise Series
- IBM** IBM BladeCenter S / H / E / T / HT  
IBM System x / P / i series  
IBM Remote Supervisor Adapter II
- HP** HP ProLiant DL / ML  
HP ProLiant BL blades  
HP 9000 servers

Others

#### Designed for Branded Serial Devices :

- |                   |                 |                                 |
|-------------------|-----------------|---------------------------------|
| <b>APC</b>        | <b>PDU's</b>    | Metered & Switched              |
| <b>ServerTech</b> | <b>PDU's</b>    | Sentry Smart                    |
| <b>Cisco</b>      | <b>Routers</b>  | 800 / 1800 / 2800 / 3800 series |
| <b>Juniper</b>    | <b>Routers</b>  | E / J / m-series Services       |
| <b>Cisco</b>      | <b>Switches</b> | Catalyst series                 |
| <b>Juniper</b>    | <b>Switches</b> | EX-series Ethernet              |
| <b>Others</b>     |                 |                                 |

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#### Technical Specification

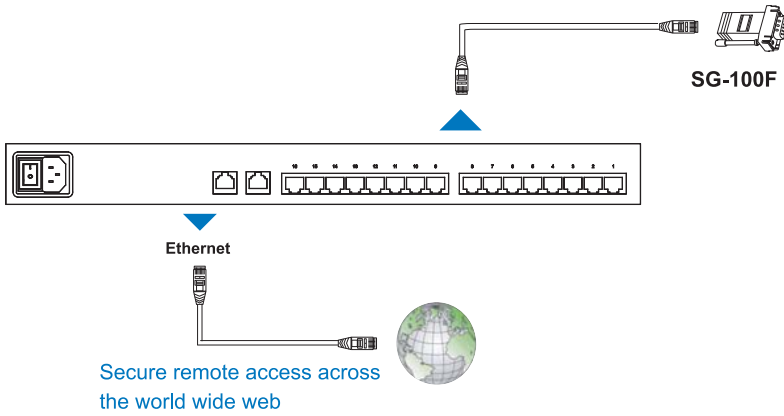
- **Serial Port :** 16 x RJ45 RS-232, 300 to 115.2K bps
- **Ethernet Port** 1 x RJ45 10BaseT
- **Security :** SSH v2, IP filtering, https, SSL, password access
- **Authentication :** Radius, SSH, Telnet & user database
- **Protocol :** RCP, UDP, IP, ARP, ICMP, http / https, telnet, PPP, DHCP / BOOTP, SMTP, DNS, NTP, Dynamic DNS
- **Compatibility :** Console server, PC-based headless server, any serially managed device IBM blade center
- **Power :** 100~240VAC, 50/ 60Hz 0.5A via IEC cable
- **Regulatory Approval :** FCC, CE
- **Environmental**
  - Operating : 0 to 50°C
  - Storage : -5 to 60°C
  - Relative humidity : 90%, non-condensing
  - Shock : 50G peak acceleration (11 ms, half-sine wave)
  - Vibration : 58~100Hz / 0.98G (11 ms / cycle)

#### Dimensions

Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
CS-116	446 x 180 x 44 mm 17.6 x 7.1 x 1.73 inch	510 x 400 x 77 mm 20.1 x 15.7 x 3 inch	3.5 kg / 8 lbs	4.5 kg / 10 lbs

# CyberView™ — Connect your 1U IP 16-port Serial Console Server

## I Connection with headless servers

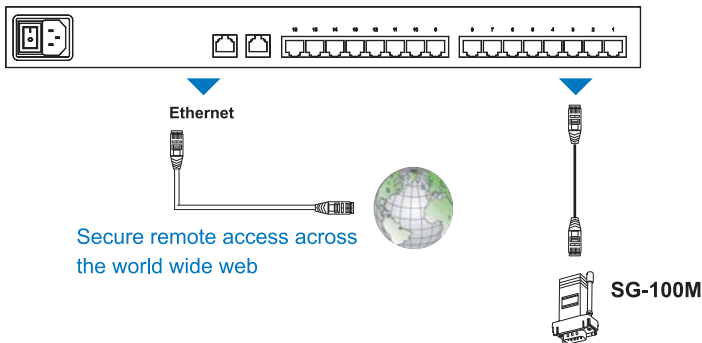


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Sun SPARC Enterprise Series
- IBM** IBM BladeCenter S / H / E / T / HT  
IBM System x / P / i series  
IBM Remote Supervisor Adapter II
- HP** HP ProLiant DL / ML  
HP ProLiant BL blades  
HP 9000 servers

### Others



## II Connection with serial device equipment



- |                   |                 |                                 |
|-------------------|-----------------|---------------------------------|
| <b>APC</b>        | <b>PDU</b> s    | Metered & Switched              |
| <b>ServerTech</b> | <b>PDU</b> s    | Sentry Smart                    |
| <b>Cisco</b>      | <b>Routers</b>  | 800 / 1800 / 2800 / 3800 series |
| <b>Juniper</b>    | <b>Routers</b>  | E / J / m-series Services       |
| <b>Cisco</b>      | <b>Switches</b> | Catalyst series                 |
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| <b>Others</b>     |                 |                                 |

### Accessories

SG-100M  
RJ45-DB9 male adapter

SG-100F  
RJ45-DB9 female adapter

CU-3 CU-10  
CU-6 CU-15 CU-33  
Cat6 cable - 3, 6, 10, 15 & 33 ft



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### NCP-1701



**DC** 12V, 24V and 48V DC Power options

#### Serial Console LCD Drawer Benefits

- ▶ Designed to connect brand name console server switches
- ▶ Fully compatible with SUN & all other branded headless servers
- ▶ Large range of ASCII serial terminal emulations
- ▶ Up to 12 multi-sessions, multiple log-in
- ▶ No hard drive or memory inside for secure environment

#### Drawer Features & Options




- 1U rackmount drawer with 17" LCD
- "One Man" installation slides for easy, quick installation
- Optional mounting hardware for two post telco style racks
- Slide rails with fixed positions to prevent drawer movement when typing
- An aesthetically enhanced latching front panel to release the two point lock

#### Designed for Branded Multi-Port Console Servers :

<b>Avocent</b>	CCM4850 / 1650 / 850 series
<b>Cyclades</b>	SC60xx, ATP00xx, CCS40xx series
<b>Digi</b>	CM 8 / 16 / 32 / 48 series
<b>MRV</b>	LX 1000X / 1000T / 4000T / 8000S
<b>Perle</b>	CS9000 / SCS / STS / SDS series
<b>Rose</b>	UltraConsole 8 / 16 series
<b>Raritan</b>	DSX / DSXA series
<b>Thinklogical</b>	SCS / SCS-R / Sentinel series
<b>Others</b>	

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#### Designed for Branded Headless Servers :

		
<b>SUN</b>	Sun Fire / Netra / Blade series Sun SPARC Enterprise Series	
<b>IBM</b>	IBM BladeCenter S / H / E / T / HT IBM System x / P / i series IBM Remote Supervisor Adapter II	
<b>HP</b>	HP ProLiant DL / ML HP ProLiant BL blades HP 9000 servers	
<b>Others</b>		

#### Technical Specification

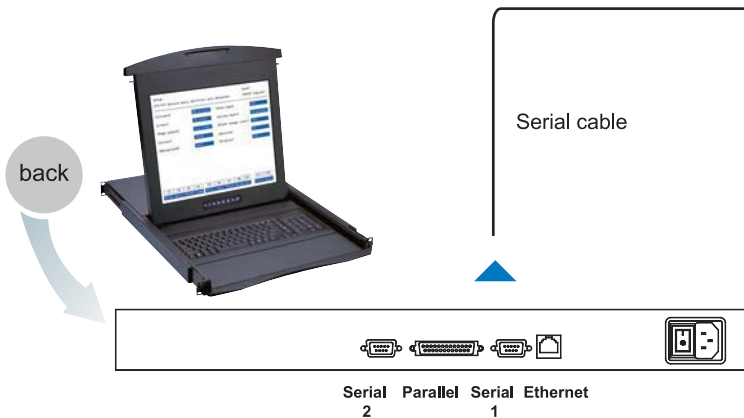
<ul style="list-style-type: none"> <li>• <b>Console</b> <ul style="list-style-type: none"> <li>Screen : 17" Grade A LCD, 800 x 600</li> <li>Input : 104-key keyboard</li> </ul> </li> <li>• <b>Serial Port</b> : 1 x DB-9 RS-232, 50 to 115.2K bps</li> <li>• <b>Terminal Emulations</b> WY-50+, WY-60, WY-120, WY-325, ADDS A2, PCG Alpha, TV1910+, TV1925, PC Term, VT52, VT100, VT220, Console ANSI</li> <li>• <b>Ethernet Port</b> : 1 x RJ45 10BaseT Up to 12 telnet session to multiple servers</li> <li>• <b>Printer Port</b> : 1 x DB-9 serial and 1 x DB-25 parallel</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Compatibility</b> : Console server, PC-based headless server, any serially managed device IBM blade center</li> <li>• <b>Power</b> : 100~240VAC, 50/ 60Hz 0.5A via IEC cable</li> <li>• <b>Regulatory Approval</b> : FCC, CE</li> <li>• <b>Environmental</b> <ul style="list-style-type: none"> <li>Operating : 0 to 50°C</li> <li>Storage : -5 to 60°C</li> <li>Relative humidity : 90%, non-condensing</li> <li>Shock : 50G peak acceleration (11 ms, half-sine wave)</li> <li>Vibration : 58~100Hz / 0.98G (11 ms / cycle)</li> </ul> </li> </ul>
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#### Dimensions

Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
NCP-1701	442 x 650 x 44 mm 17.4 x 25.6 x 1.73 inch	589 x 856 x 168 mm 23.2 x 33.7 x 6.6 inch	16 kg / 35 lbs	22 kg / 48 lbs

# CyberView™ — Connect your Serial Console LCD Drawer

## I Connection with headless servers

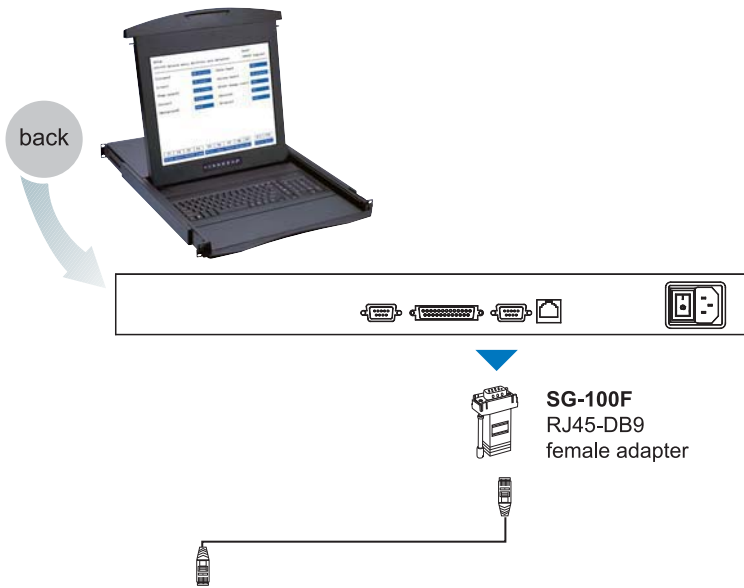


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### Others



## II Connection with serial consoles



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# NCP-1716



**DC** 12V, 24V and 48V DC Power options

## Serial Console LCD Drawer Benefits

- ▶ Designed for SUN Solaris or other branded headless servers
- ▶ Supports all common O/S including Linux, Solaris, Windows Server 2003
- ▶ Port buffering / logging for detailed troubleshooting
- ▶ Supports SSH secure communications between computer platforms
- ▶ Secure remote IP access using SSH or telnet clients

## Drawer Features & Options

- 1U rackmount drawer with 17" LCD
- "One Man" installation slides for easy, quick installation
- Near real time console performance allows of remote server / device management
- Utilizes Cat6 cables allow for field termination of cable length
- Optional mounting hardware for two post telco style racks
- Slide rails with fixed positions to prevent drawer movement when typing
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| <b>Cisco</b>      | <b>Routers</b>  | 800 / 1800 / 2800 / 3800 series |
| <b>Juniper</b>    | <b>Routers</b>  | E / J / m-series Services       |
| <b>Cisco</b>      | <b>Switches</b> | Catalyst series                 |
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## Technical Specification

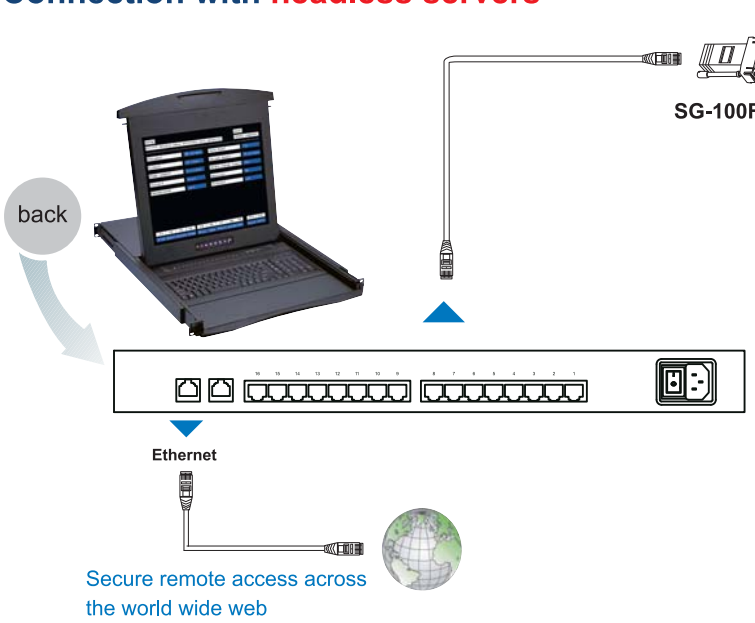
- **Console**
  - Screen : 17" Grade A LCD, 800 x 600
  - Input : 104-key keyboard
- **Serial Port :** 16 x RJ45 RS-232, 300 to 115.2K bps
- **Ethernet Port** 1 x RJ45 10BaseT
- **Security :** SSH v2, IP filtering, https, SSL, password access
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- **Compatibility :** Console server, PC-based headless server, any serially managed device IBM blade center
- **Power :** 100~240VAC, 50/ 60Hz 0.5A via IEC cable
- **Regulatory Approval :** FCC, CE
- **Environmental**
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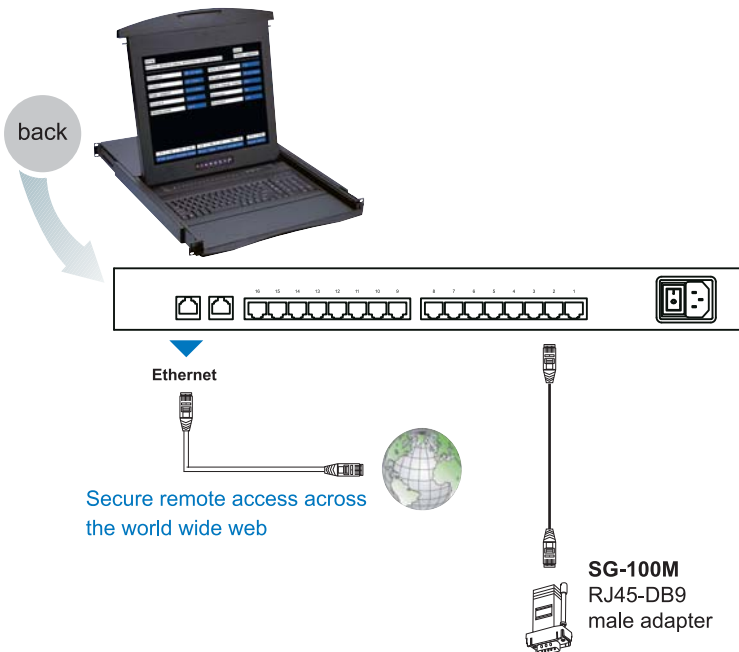


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