



## Avocent® Advanced Console Server for Dell

The Advanced Console Server (ACS) product line offers secure remote network management via In-Band and Out-of-Band (OOB) networks on your critical IT assets with serial connectivity, saving valuable time and money, keeping your network up-time and security at the highest level.

### Dependable Remote Management

Using a hardened Linux operating system, The ACS6000 supports multiple network failover and failback options:

- Dual Gigabit (10/100/100BT) Ethernet Interfaces on RJ45
- Internal V.92 analog modem
- Support for external LTE/4G cellular modems

### Dense Connectivity - Made Easy

Available with 8, 16, 32 and 48 port models that fit into 1U of rack space, all serial ports feature configurable pinouts to eliminate the need for cumbersome adapters. Automated discovery tools ease identification of your IT assets and now support both IPv4 and newer IPv6 networks. Power is just as robust and easy with dual AC power supplies and the fanless architecture means no fans to fail and no heat buildup to worry about.

### Security is Core

Whether using our preset security profiles or you develop your own custom profile, the ACS6000 knows how important it is to keep your network safe and secure. Empowered by FIPS 140-2 compliant cryptography, SSHv1, SSHv2 and X.509 SSH certificate support, One-Time Password (OTP) authentication as well as two-factor authentication with RSA SecureID. The Avocent® Advanced Console Server for Dell is a valuable resource towards your overall network security campaign.

### Easy To Deploy and Maintain

Featuring web and text based management interfaces, remote access is available via on-board web interface (OBWI), optional Avocent DSView management software, or direct Command Line Interface (CLI) scripting. New system deployment is streamlined now with our Zero Touch Provisioning (ZTP) feature, saving up to 90% of the effort typically spent provisioning new networks. Flash upgrades and security patches are also easily accomplished from anywhere using virtual media and maintenance campaigns can also be automated with the Zero Touch Provisioning feature.

|                                    | DACS6008MDAC-KT  | DACS6016MDAC-KT | DACS6032MDAC-KT  | DACS6048MDAC-KT |
|------------------------------------|--|-----------------|--|-----------------|
| <b>Form Factor</b>                 | 1U rack mount  |                 |  |                 |
| <b>Dimensions</b>                  | 1.75 x 17.25 x 9.5 in. (Height x Width x Depth)  |                 |  |                 |
| <b>Weight</b>                      | 6.6 lbs.   |                 |  |                 |
| <b>Device Connectors</b>           | 2 Gigabit (10/100/1000BT) Ethernet interfaces on RJ45<br>1 RS-232 serial console port on RJ45<br>Internal modem V.92 port on RJ45 (RJ11 compatible)<br>1 USB 2.0 Host on Type A connector  |                 |  |                 |
| <b>RS232 ports on RJ45</b>         | 8  | 16              | 32   | 48              |
| <b>Management Software</b>         | On-board Web Interface via browser for remote access<br>Compatible with Avocent® DSView™ management software   |                 |  |                 |
| <b>Power Supplies</b>              | 2 Power Supply Units   |                 |  |                 |
| <b>Power Supply Specifications</b> | <b>Connector:</b> IEC C14<br><b>Type:</b> Internal<br><b>Power:</b> 23W<br><b>Heat dissipation:</b> 79 BTU/hr<br><b>AC input range:</b> 100 - 240 VAC<br><b>AC frequency:</b> 50/60 Hz auto-sensing<br><b>AC input current rating:</b> 0.15 A @ 230VAC<br><b>AC input power (maximum):</b> 35W |                 |  |                 |
| <b>Environmental</b>               | <b>Operating:</b> 32 to 122 degrees Fahrenheit (0 to 50 degrees Celsius)<br><b>Non-operating:</b> -4 to 158 degrees Fahrenheit (-20 to 70 degrees Celsius)   |                 |  |                 |
| <b>Certifications</b>              | <b>Security</b><br>FIPS 140-2 compliant cryptography – The FIPS mode of operation uses an embedded FIPS 140-2 certified OpenSSL cryptographic module (Certificate #1051)   |                 |  |                 |
|                                    | <b>Emissions and Immunity:</b> <ul style="list-style-type: none"> <li>• FCC Class B</li> <li>• CE Class A (EU)</li> <li>• ICES-003 (Canada)</li> <li>• VCCI (Japan)</li> <li>• C-Tick (Australia)</li> <li>• Customs Union (CU)</li> </ul>   |                 | <b>Safety:</b> <ul style="list-style-type: none"> <li>• UL (USA)</li> <li>• cUL (Canada)</li> <li>• EN-60950 (EU)</li> <li>• CB</li> <li>• Customs Union (CU)</li> </ul> |                 |
| <b>Warranty</b>                    | Standard Warranty is 3 year Advanced Replacement   |                 |  |                 |

| Dell P/N | Vendor Part Number | Description   |
|----------|--------------------|---|
| A8371799 | DACS6008MDAC-KT    | DELL ACS 6008 KIT WITH MODEM AND DUAL AC POWER                      |
| A8371822 | DACS6016MDAC-KT    | DELL ACS 6016 KIT WITH MODEM AND DUAL AC POWER                      |
| A8371801 | DACS6032MDAC-KT    | DELL ACS 6032 KIT WITH MODEM AND DUAL AC POWER                      |
| A8371803 | DACS6048MDAC-KT    | DELL ACS 6048 KIT WITH MODEM AND DUAL AC POWER                      |
| A8371816 | DADB0036-8         | DELL RJ45 TO DB9F CONVERTOR FOR DELL ACS6000 SERIES CONSOLE SERVERS |
| A8618053 | 4YGLD-DACS6008MDAC | Dell 4 Year Gold Hardware Maintenance by Avocent - DACS6008MDACKT   |
| A8618142 | 5YGLD-DACS6008MDAC | Dell 5 Year Gold Hardware Maintenance by Avocent - DACS6008MDACKT   |
| A8618072 | 4YGLD-DACS6016MDAC | Dell 4 Year Gold Hardware Maintenance by Avocent - DACS6016MDACKT   |
| A8618190 | 5YGLD-DACS6016MDAC | Dell 5 Year Gold Hardware Maintenance by Avocent - DACS6016MDACKT   |
| A8618090 | 4YGLD-DACS6032MDAC | Dell 4 Year Gold Hardware Maintenance by Avocent - DACS6032MDACKT   |
| A8618167 | 5YGLD-DACS6032MDAC | Dell 5 Year Gold Hardware Maintenance by Avocent - DACS6032MDACKT   |
| A8618108 | 4YGLD-DACS6048MDAC | Dell 4 Year Gold Hardware Maintenance by Avocent - DACS6048MDACKT   |
| A8618210 | 5YGLD-DACS6048MDAC | Dell 5 Year Gold Hardware Maintenance by Avocent - DACS6048MDACKT   |

