

PRODUCT BRIEF

K1796L

1U KVM CONSOLE

Westek's range of rugged products are designed for use in extreme environments where a reliable, cost-effective solution is required. The K1796L is part of Westek's well established and field proven rugged peripherals family, and can be built to meet customer environmental and application requirements.

The K1796L provides rugged KVM display drawer capability in a custom 1U 19" rack mount chassis. Its rear I/O offers a variety of interfaces.



Specification¹

- 17" 1280x1024 SXGA LCD display
- Power saving LED backlight with extended operating life
- Options for built in KVM switch
- AC or DC power input
- Power protection components and EMI filtering
- Touchscreen option available
- UK layout QWERTY keyboard as standard, other options available on request
- Integrated FSR HulaPoint pointing device

Rugged I/O Options¹

- Power Input
- 1 or 2 x VGA input + 2 x USB per video input
- 1 or 2 x HDMI input + 2 x USB per video input

All I/O presented on rugged MIL 38999 III series

Physical Features²

- In house designed, custom built rugged aluminium enclosure
- Dimensions: 431 (W) x 44 (H) x 600 (D) mm excluding connectors²
- Weight: ~15kg, final weight is dependent on specific system configuration²
- RoHS and REACH compliant
- Designed to comply with customer defined standards, verification by a third party accredited test lab available³

Field Deployment Features

- Wide operating temperature
- IP53 dust and water ingress protection (stowed position)
- Corrosion resistant powder coat finish with various colour options
- Rugged keyboard can be operated whilst wearing protective gloves
- Ruggedised and conformally coated electronics for operation in harsh environments

Environmental Specifications

All specifications are dependent on build options and may vary depending on components selected. Please advise our Sales team of your specific environmental requirements to enable us to provide the right solution for your needs.

	Operating	Non-Operating
Low temperature ⁴	-20°C	-40°C
High temperature ⁴	+55°C	+71°C
Vibration ^{3 5 6}	2G 10Hz to 500Hz	4G 10Hz to 500Hz
Shock ^{3 5}	20G 11msec	40G 11msec
Altitude	Up to 5,000m	Up to 10,000m
Humidity	10-95% non-condensing	

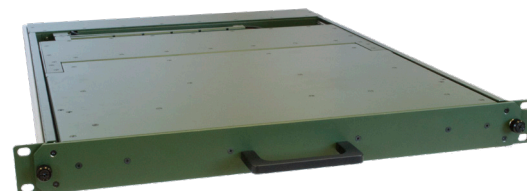
EMC Capabilities

- UKCA/CE compliant
- Designed to meet UL & FCC requirements³
- Designed to meet aspects of MIL-STD-461³



Notations

- ¹Software, hardware and accessories may vary depending on configuration
- ²Weight and dimensions vary from configurations and optional accessories
- ³Designed to meet customer defined standards, verification by a national independent third party test lab available at additional cost
- ⁴Temperature operating range may vary depending on component selection
- ⁵Fixed cable management solution may be required to meet shock and vibration requirements
- ⁶Designed to meet operational shock and vibration requirements with the unit in a stowed position only
- Customisations are at time of manufacture only



Over 30 years' experience designing and manufacturing high quality, rugged, mission critical IT solutions for use in extreme environments

Contact Us

To find out more about our customisable solutions and discuss your specific requirements, please contact:

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Model Number: K1796L
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