



AMULET HOTKEY

DXZ4-A, DXZ4-AM

PCoIP Zero Client

Datasheet

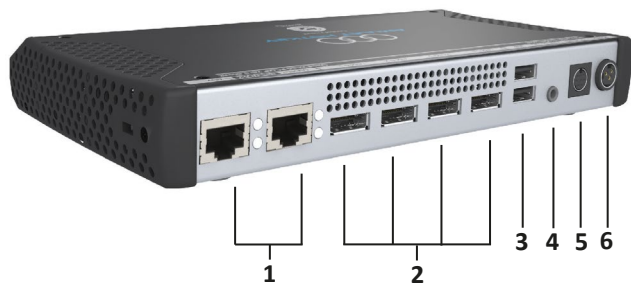
The Amulet Hotkey DXZ4-A and DXZ4-AM are CPA Certified quad video head TERA2 PCoIP® Zero Clients. Designed to provide class leading, long-term performance in the most demanding of applications, the DXZ4-A/AM provide a wealth of unique and advanced features not found in other remote computing solutions.

When connected to a remote PCoIP host, the DXZ4-A, DXZ4-AM provides quad video head, pixel perfect performance at the desktop, a very low noise and heat signature, and connection points for the widest range of USB and audio peripherals. Dual redundant network ports (fiber or copper), locking power sockets and a configurable control panel enhance resilience where needed most.

Amulet Hotkey CPA Certified Zero Clients are the only safe and secure solution for remote computing in mission critical applications where compromise is not an option.

UK Government Security Certification

The DXZ4-A/AM zero clients have been certified as secure by CESG, the National Technical Authority for Information Assurance within the UK. The CESG assists Government Departments with cyber security and have certified and approved the DXZ4-A/AM for use at the 'OFFICIAL' level within Government and public sector organizations.



DXZ4-A rear view. 1 Network connections. 2 DisplayPort sockets. 3 USB ports. 4 Audio socket. 5 Feature connector. 6 DC inlet.

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Key features

- CPA and NATO certified secure PCoIP zero client
- Supports high-resolution displays: quad video up to 1920x1200 or dual video up to 3440x1440
- Connect multiple DXZ4 clients to support additional displays such as octal video up to 1920x1200 or quad video up to 3440x1440
- Exceptional performance including real-time video and demanding 3D graphics
- Connect to virtual desktops, cloud managed desktops or for the most demanding graphics, to remote physical/virtual workstations
- Easy to configure and manage

Network connections

- Supports redundant network connections with dual network interfaces including SFP modules for copper or fiber optic cabling
- Supports remote connections that can be local, across country, or continent-to-continent

Security

- Only display pixels are sent to the client so no sensitive data ever reaches the client
- Zero Clients have no X86-processor, no Windows or Linux client OS, no client GPU and no local storage which eliminates exploits common with other client endpoints
- Extensive security features including support for 256-bit AES encryption, NSA Suite-B ciphers, smart card, proximity card, SIPR tokens and much more

Certified Product



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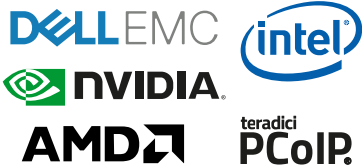
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Top view of the DXZ4-AM



In partnership with...



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Datasheet DS-DXZ4-A001 v1.2 April 2018

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About PCoIP systems

PcoIP systems are fully secure and build to a lossless image, making them ideal for the most demanding of applications. Amulet Hotkey PCoIP zero clients are desktop devices that connect to a remotely located 'host' using the PCoIP protocol. They support any user type from mainstream office desktops for task workers to the most demanding 3D performance workstations. They must be paired with a 'PCoIP host' device located in or near the remote computer. Connection options include virtual desktops such as VMware Horizon, Cloud Managed Desktops such as Amazon Web Services Workspaces, or remote physical or virtual workstations for demanding users.

PCoIP hosts can be implemented in hardware (as shown here) or in software, using VMware Horizon or Amazon Workspaces. The PCoIP host encodes USB, audio and video from the host, compresses and encrypts the data for transmission across standard IP networks to the zero client.

The zero client then decrypts and decompresses the data, and delivers it to the desktop monitors and peripherals (such as keyboard, mouse, speakers or headset). The zero client also passes user-generated USB and audio data to the PCoIP host. The result for the user is that the desktop looks and feels like it is at their desk. Because zero clients simply decode pixels to display images, they are simpler and more secure than a traditional PC and other thin client solutions.



Example PCoIP system. 1 Remote computer.
2 Quad head graphics card. 3 DXH4 PCoIP
host. 4 Zero Client. 5 Quad monitors.

Processor	Teradici Tera2140 PCoIP processor
Memory	512MB DDR3 RAM
Video output	4 x DisplayPort connectors (dual mode)
Display support (quad)	Four monitors up to 1920 x 1200 maximum @ 60 Hz
Display support (dual)	Two 2560 x 1600 maximum with AHK KVM Extender Host @ 60 Hz, or; Two 3440 x 1440 maximum with VMware Horizon virtual workstations @ 60 Hz
Audio connections	Stereo headset/headphones, stereo line out, stereo mic. All 3.5mm jacks
USB connections	4 x USB 2.0
Network connections	DXZ4-A: Dual redundant RJ45 10/100/1000 DXZ4-AM: Dual redundant SFP slot for 100 Mbit/s 1 Gbit/s fiber or copper module
Cooling	Passive
Case	Robust enclosure
Power consumption	Less than 12W nominal (excluding USB devices)
Temperature range	Operating: 15° to 40° C (59° to 104° F) Storage: -10° to 60° C (14° to 140° F)
Size (H x W x D)	34 x 230 x 130 mm (1.3 x 9.1 X 5.1"). Weight: 0.9 kg (2 lbs)
Security	Strong encryption and authentication with 256-bit AES and NSA Suite-B ciphers 2 factor authentication options including CAC/PIV cards, smart cards, prox-cards, e-tokens, SIPR tokens. IEEE 802.1X network authentication Unique USB lockdown control. Kensington Lock slot
Compliance	CPA Certified. TAA compliant Conforms to relevant parts of EN55024, EN55022 and FCC Part 15

CESG Certification: The UK Government has certified the DXZ4-A and DXZ4-AM running firmware 4.8.0 (or newer) as secure for Remote Desktop Security Characteristic version 1.0 at Foundation Grade. CESG certificate number: RDT5722298.