



## DXZC-AC, DXZC-AMC PCoIP Zero Clients

### Datasheet

The Amulet Hotkey DXZC-AC and DXZC-AMC are CPA Certified TERA2 PCoIP® Zero Clients with an integral Smart Card reader.

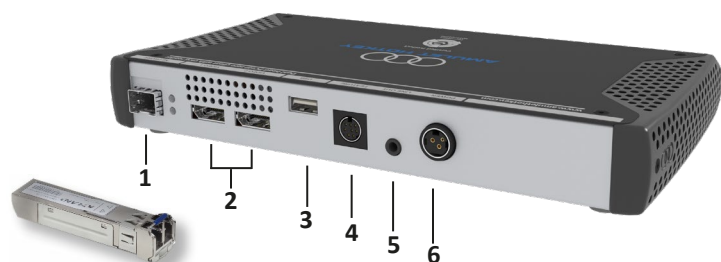
Built to the highest standards, the DXZC-AC/AMC support two video heads in a tough case that is ideal for demanding environments. Based on our successful range of PCoIP zero clients, the DXZC-C adds an integrated Smart Card reader, providing the perfect solution for secure, remote access to sensitive data.

Designed from the ground up for business and mission critical applications, the DXZC-AC/AMC Zero Client provide a secure connection to a remote datacenter while providing an exceptional user experience. With a very low heat signature and power requirements, the DXZC-C can replace powerful desktop workstations without degrading performance. It supports up to two high-resolution monitors and a wide range of USB peripherals. The integrated card reader supports CAC, PIV and SIPRNet tokens, ISO 7816 and EMV 2000 Level 1, and is compatible with 5V, 3V and 1.8V smart cards. The DXZC-C provides full duplex stereo audio, dual DisplayPort video outputs and three USB 2.0 sockets. It also has a very low noise and heat signature. All communication from the host to the zero client are encrypted using options such as 256-bit AES/NSA Suite-B ciphers.

Amulet Hotkey Zero Clients are the only clients certified by the CESG and are an ideal solution for remote computing where compromise is not an option.

#### UK Government Security Certification

The DXZC-C zero client has 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 DXZC-AMC for use at the 'OFFICIAL' level within Government and public sector organizations.



**DXZC-AMC rear view.** 1 Network port and SFP module. 2 Dual DisplayPort connectors. 3 USB port. 4 Feature Connector socket 5 Line level audio output. 6 DC power inlet.

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#### Key features

- CPA Certified secure PCoIP zero client
- Supports high-resolution displays: dual video up to 1920x1200, or single 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, connect to remote physical or virtual workstations
- Easy to configure and manage

#### Smart card reader

- Supports CAC, PIV cards and SIPRNet tokens
- Complies with ISO 7816 and EMV 2000 Level 1
- Compatible with 5V, 3V and 1.8V smart cards

#### Network connection

- Support network interface options for RJ45 (DXZC-AC) for copper and SFP module (DXZC-AMC) for copper or fiber cabling
- Remote connections 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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RDT5722298

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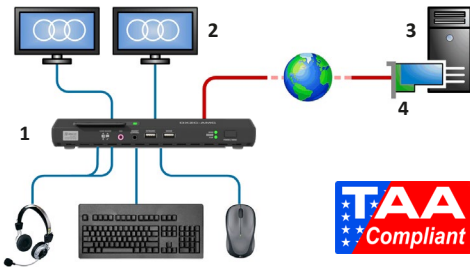
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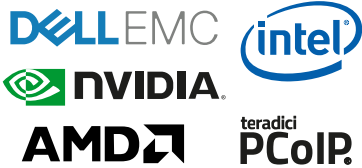


Example PCoIP system with DXZC-AMC

- 1 Zero client
- 2 Dual monitors
- 3 Remote computer
- 4 PCoIP host



In partnership with...



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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.

Specifications	
Processor	Teradici Tera2321 PCoIP processor
Memory	512MB DDR3 RAM
Video output	2 x DisplayPort connectors (dual mode)
Display support (dual)	Two monitors up to 1920 x 1200 maximum @ 60 Hz
Display support (single)	One 2560 x 1600 maximum with AHK KVM Extender Host @ 60 Hz, or; One 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	3 x USB 2.0
Network connections	<b>DXZC-AC:</b> RJ45 10/100/1000 <b>DXZC-AMC:</b> SFP slot for 100Mbit/s or 1Gbit/s fiber or copper module
Cooling	Passive
Case	Robust enclosure
Power consumption	Less than 11W (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)	37 x 228 x 128 mm (1.5 x 9.0 X 5.1"). Weight: 0.8 kg (1.8 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 EN55022, EN55024, CE and FCC Part 15
<b>Integral card reader</b>	
Security	SIPRNet hardware token and CAC smart card support
Standards	ISO 7816, EMV 2000 Level 1, GSA FIPS 201 approved product list
Protocols	T=0, T=1; 2-wire: SLE 4432/42 (S=10); 3-wire: SLE 4418/28 (S=9); iPC (S=8)
Card types	Support for 5V, 3V and 1.8V smart cards; ISO 7816 Class A, B and C
Smart card detection	Movement detection with auto power-off; automatic detection of smart card type; short circuit and thermal protection
Supported APIs	PC/SC driver (ready for 2.01); CT-API (on top of PC/SC); synchronous-API (on top of PC/SC); OCF (on top of PC/SC)
Durability	100,000 insertions

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