AMULET® HOTKEY

DXZ4-A and DXZC-A
Secure PCoIP Zero Clients

Datasheet

Built to the highest standards, the DXZ4-A and DXZC-A are secure TERA2 PCoIP® zero clients designed for mission critical applications.

Housed in a tough case that is ideal for demanding environments and based on our successful range of PCoIP zero clients, the security edition models provide the perfect solution for secure, remote access to sensitive data.

With a very low heat signature and power requirements, the DXZ4-A and DXZC-A can replace powerful desktop workstations at the desk without degrading performance. Providing an exceptional user experience, while giving you a secure connection to a remote datacenter, it feels as if the remote host is at your desk.

The security edition zero clients provide full duplex stereo audio, pristine high-resolution graphics with lossless decryption, and support a wide range of USB peripherals through USB 2.0 ports. All communication from the host to the zero client are encrypted using options such as 256-bit AES/NSA Suite-B ciphers.

Available in the following models

- **DXZ4-A:** High performance zero client with dual network ports and up to four high-resolution displays.
- **DXZC-A:** Compact solution with dual, high-resolution video output.
- **-M:** models have a network port that accept a fiber or copper SFP module.
- **-C:** models have a card reader that supports CAC and SIPRNet tokens, ISO 7816 & EMV 2000 Level 1. Compatible with 5V, 3V and 1.8V smart cards.
- **TEMPEST:** Approved to NATO SDIP-27 Level A and Level B by our TEMPEST-certified NCSC and NATO partners, are available on special request.
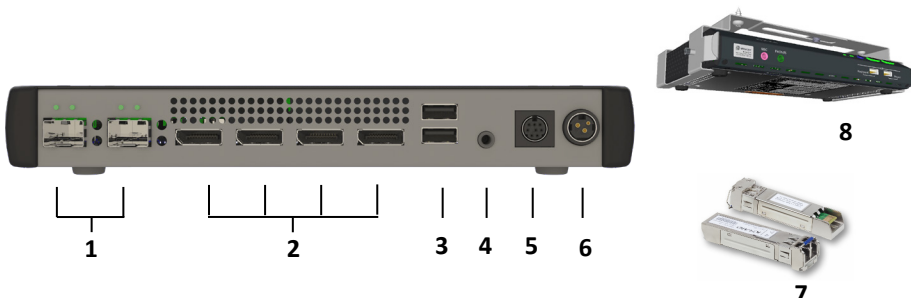
DXZ4-M rear view. 1 *Network connections.* **2** *DisplayPort sockets.* **3** *USB ports.* **4** *Audio socket.* **5** *Feature connector.* **6** *Locking DC-inlet.* **7** *SFP modules.* **8** *Bracket*
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Key features

- DXZ4: high resolution quad video up to 1920x1200 or dual video up to 3440x1440
- DXZC: high-resolution 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
- Optional under the desk bracket available

Smart card reader

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

Network connection

- Network interface options for RJ45 (for copper) and SFP module 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

AMULET HOTKEY®

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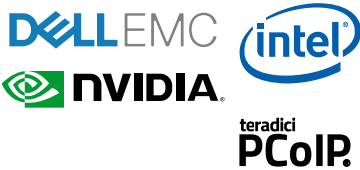
teradici **PCoIP**®

Model feature chart

Product	Connection		Card-reader (CAC)	Video	USB ports
	RJ45	SFP			
DXZC-A	✓			2	4
DXZC-AM		✓		2	4
DXZC-AC	✓		✓	2	3
DXZC-AMC		✓	✓	2	3
DXZ4-A	✓✓	-	-	4	4
DXZ4-AM	-	✓✓	-	4	4

TAA Compliant   **ProCare** support services
Click here to find out more

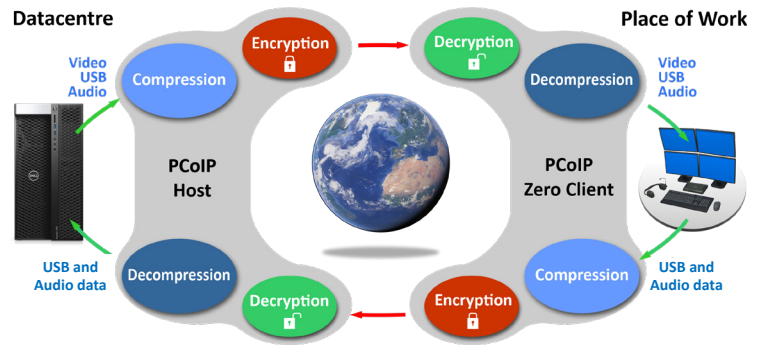## Work from anywhere

Our zero clients support any user type from mainstream office desktops, to the most demanding 3D performance workstations. Connection options include virtual desktops, Cloud Managed Desktops, or remote physical & virtual workstations for demanding users. Decoding pixel data makes them simpler and more secure than traditional solutions.

How it works

Implemented in hardware (or in software using VMware Horizon or Amazon Workspaces) the PCoIP host encodes USB, audio and video from the host and encrypts the data for transmission across an IP network to the zero client. The zero client decrypts and decompresses the data, without loss, before sending it to the audio and video peripherals. Keyboard, mouse movement and microphone signals are sent back to the host using the same process. For the user, the host looks and feels like it is at their desk.

Specifications	
Processor and memory	Teradici Tera2321 (DXZC) or Tera2140 (DXZ4) PCoIP processor (512MB DDR3)
Display support (DXZ4)	(Quad) Four monitors up to 1920 x 1200 maximum @ 60 Hz
	(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
Display support (DXZC)	(Dual) Two monitors up to 1920 x 1200 maximum @ 60 Hz
	(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
Stereo audio connections (3.5 mm jacks)	**DXZC:** Combined headphone/mic socket that will take a headset. Mic, Line-out. **DXZ4:** Separate headphone and mic sockets. Line-out socket.
	Output: 0Hz to 21.6kHz (48kHz sampling); 0Hz to 19.846kHz (44.1kHz). **Input:** 10Hz to 21.6kHz (48kHz sampling); 10Hz to 19.846kHz (44.1kHz).
Network connections	**standard models**: RJ45 10/100/1000
	-M models: SFP slot for 100Mbit/s or 1Gbit/s fiber or copper module
Environmental	Robust enclosure with passive cooling. Less than 11W (excluding USB devices). Operating: 15° to 40° C (59° to 104° F), Storage:-10° to 60° C (14° to 140° F)
Size mm (in). **Weight** Kg (lbs)	**DXZ4 and 'C' models:** 34 x 230 x 133 (1.3 x 9.1 x 5.2). **Weight:** 0.9 (2.0)
	DXZC: 34 x 176 x 133 (1.3 x 6.9 x 5.2). **Weight** 0.6 (1.4)
Security	Strong encryption and authentication with 256-bit AES and NSA Suite-B ciphers. IEEE 802.1X network authentication. Unique USB lock-down control. Kensington Lock slot
Compliance	CPA Certified. TAA compliant. Conforms to relevant parts of EN55022, EN55024, CE and FCC Part 15
Integral card reader	
Security	2 factor authentication options including CAC/PIV cards, smart cards, prox-cards, e-tokens, SIPR tokens.
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); I²C (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. 100,000 insertions
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)