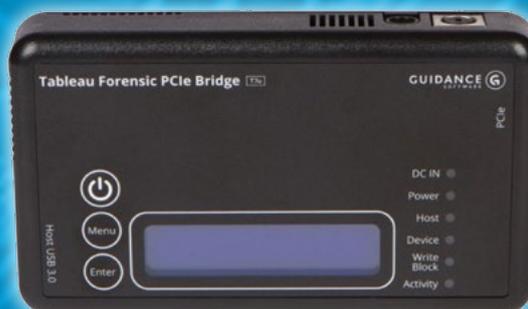# avatu

The first portable PCIe forensic write blocker

Forensic PCIe Bridge [T7u]

The T7u is the first portable write-blocker that enables forensic acquisition of PCIe SSDs, and is the second Tableau PCIe product offering. With the T7u you will be equipped to handle the vast array of new laptops and tablet computers that are making use of these high performance PCIe hard drives.

High performance

The T7u images PCIe SSD media at blazing speeds. Imaging performance up to 330MB/sec (~19 GB/min) were observed with the T7u

Connectors

The T7u conveniently bridges from a write-blocked native storage interface (PCIe) to a hot-swappable interface on a host computer (USB 3.0).

LCD and LEDs

The T7u includes a backlit character LCD to display useful information about the bridge and connected PCIe media. In addition, six LEDs provide status on power, PCIe media detection, host connection, write-block status, and activity.

Read/write mode

By default, T7u is configured to operate as a write-blocker. It also provides a convenient read/write mode for customers who need to write to or wipe a PCIe SSD device.

Adapter required

The T7u must be used with a Tableau PCIe SSD adapter, which adapt to specific PCIe SSD form factors and connectors. Two adapters are available and more will be released in the future. These adapters are also compatible with the Tableau Forensic Universal Bridge.

Tableau firmware update utility

The free Tableau Firmware Update (TFU) utility offers users a fast, convenient method to maintain the T7u and all of Tableau's products.

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Specifications	Product Forensic PCIe Bridge Tableau Model T7u
Connectors: Host (Left) Side	USB 3.0 One USB 3.0 Standard-B connector
Connectors: Device (Right) Side	USB 3.0 One USB 3.0 Standard-A connector
Connectors: Top Side	DC Input One 5-pin Mini-DIN connector for the Tableau TP2 power supply, and one bayonet connector for the Tableau TP5 power supply
Switches	DIP Switch: The 4-position DIP switch configures user-selectable options that aren't required for normal operation. See the T8u User Guide for more information
User Interface	LCD 2 Row x 16 Column monochrome LCD character display with LED Backlight Buttons Three buttons: Menu and Enter buttons for navigation, plus an On/Off button to control the power to the T7u
Other Features	Status LEDs Six LEDs: DC IN, Power, Host (detect), Device (detect), Wrt Block (enabled), Activity
Physical / Environmental	Power: 12 watts typical operating (not including USB device) Supply voltage: (DC IN) +5V @ 1.2A (max), +12V @ 0.6A (max) when powered using TP2 connector +12V @ 1.2A (max) when powered using TP5 connector Output voltage (DC OUT) +5VDC @ 0.9A (Max) Dimensions 5.75 in. (L) x 3.25 in. (W) x 1.125 in. (H) Weight 7.2oz (204g) Operating temperature range 0 to 55 degrees C (no airflow) Storage temperature range-20 to 60 degrees C Relative humidity Up to 90% (non-condensing)
Warranty	One year parts and workmanship from date of purchase