VidiView | Trigger Interface

In medical imaging, trigger signals is a central and very common type of integration in many situations. Image producing modalities often incorporates buttons, triggers, foot pedals or other mechanics to produce a trigger signal for other equipment to act upon.

This generic mechanism - widely used for decades and today more than ever - need to be safe and reliable. In order to establish a safe, reliable and regulatory compliant connection between your image producing equipment and your image recording unit you need a medically qualified and safe trigger interface.

The **Distributed Medical Trigger Interface 01** (DM-TI01) is the first CE-MDR-compliant trigger interconnection accessory on the market. It can be used for a wide range of purposes. Most commonly with endoscopic and microscopic equipment in clinical healthcare environments.

It comes with a software SDK for those who wants to integrate the interface in their own solution. Please inquire about your specific needs and requirements!

Host interface	Mini USB (2.0)
Trigger interface	2x 3.5mm. female 3-segment (tip, ring and sleeve) connectors
Supported cable length (on host side)	Up to 5 m.
Supported cable length (on equipment side)	Up to 30 m.
Cabels included in delivery	2 m. Mini-USB to USB-A cable
Trigger interface capability	Each trigger input can detect a signal alteration on both tip and ring, making a total of 4 trigger channels available in 1 interface. Multiple interfaces can be connected to a single host.
Isolation design	The unit is optically isolated and total galvanic isolation is guaranteed. Built-in surge protection of min. 5kV.
Software compatibility	The unit emulates a RS232-port and requires no separate driver to work on most host systems.
	An extensive software development support-package is available for quick implementation in new software designs.

Distributed Medical is a medical image management company based in the south of Sweden. We develop a software driven solution to capture, manage and review medical images from a wide range of healthcare disciplines. The product delivers a flexible eco system for medical image management in the healthcare enterprise.

We develop and nurse one single software solution called VidiView, including accessories and add-ons for it. The solution is widely used throughout the Nordic countries as well as parts of western Europe. We have been around since 2008. All our products are medical devices according to MDR. Please find out more at https://www.distributedmedical.com.
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