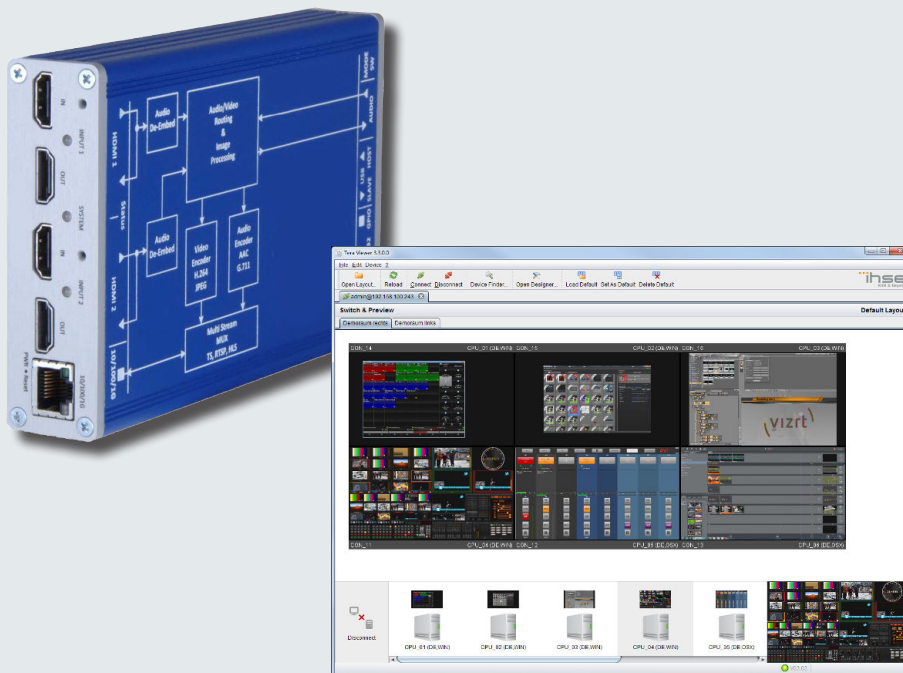# Tera Viewer

IP based monitoring and switching of CPUs and consoles

- Monitoring & extended switching via IP
- Double signal transmission per device
- Screen layout individually configurable
- Live thumbnail
- Switching via drag and drop
- Resolutions up to max. 1080p

PRODUCT DESCRIPTION

Tera Viewer software
The Tera Viewer software provides IP based preview of video signals passing through Draco tera KVM matrix systems. It is a convenient method of checking and monitoring images, as often required in control and monitoring applications. Live image previews are presented on a separate screen layout which can be configured through the Tera Viewer software as required. Switching of data paths in the KVM switch can also be achieved by means of a drag-and-drop feature of the Tera Viewer software package.

Transmission via IP encoder
Video previews are generated by an efficient Teracue H.264 IP encoder. The encoder is directly connected to dedicated ports on the KVM matrix switch through individual CON Units (481 Series) and follow the input and output video.

Simple use from everywhere
Live monitoring and switching are available to system administrators wherever a high-performance IP connection is available; independent of physical location and proximity to the Draco tera KVM matrix switch itself.

Protection against unauthorized access
To ensure maximum security and prevent unauthorised access to data streams and switching functionality, the Tera Viewer includes a unidirectional connection.

System requirements
For a specifically use of the Tera Viewer package, two Draco vario HDMI CON Units (for connecting the IP encoders) are required. For the Tera Viewer, a PC with Intel Core i5 processor, or better, is recommended.
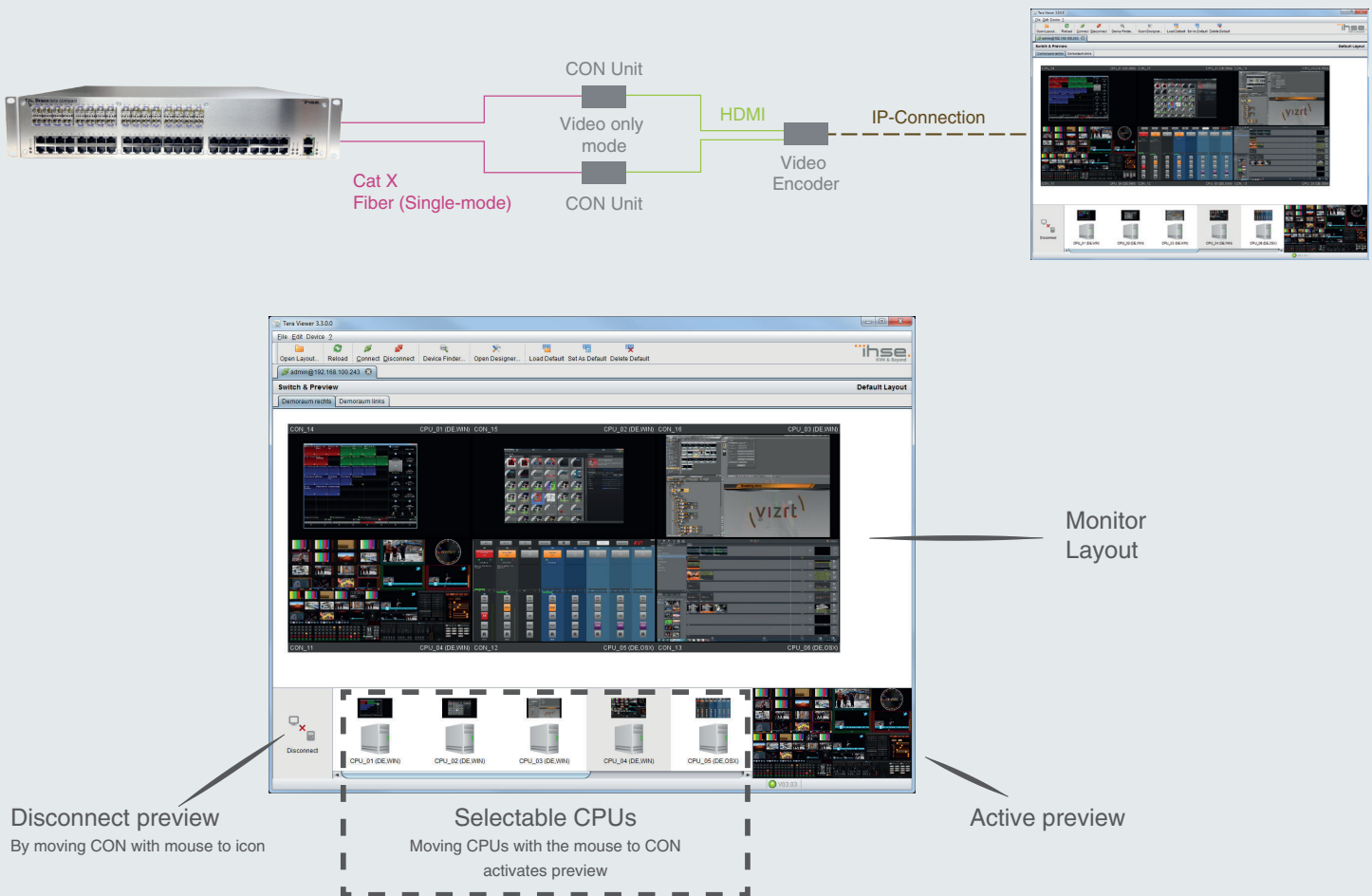
PRODUCT FEATURES

- The video signal is converted to IP by the encoder - regardless of the matrix used
- The system allows free arrangement of monitor and selection of computers
- Images displayed on the monitors on the Tera Viewer screen are automaticaly updated
- Layouts can be saved on the Tera Viewer. A default layout can also be saved on the matrix and will be loaded automatically when opening. Any number of other layouts can be saved locally
- Extended switching can be operated using a touch screen input (e.g. tablet). The operating system must support Java
- Fields of application are mainly control and monitoring scenarios for maintenance and support

IP based monitoring and switching of CPUs and consoles

TECHNICAL DATA / PRODUCT SPECIFICATIONS

Part No.	480-VIEW (package)
Scope of delivery	Teracue H.264 IP-Encoder (IHSE version) Tera Viewer software
Control	Tera Viewer software
System Requirements Tera Viewer software	Windows 7, Windows 8, Windows 8.1, Windows 10 OS X 10.7 (Lion) and higher Java 1.7, Update 76, www.java.com 1 GB RAM+ Intel Core i5 processor recommended
Manufacturer IP encoder hardware	Teracue
Input	HDMI (2x)
Output	10/100/1000 TX Ethernet, RJ45
Video codec	H.264
Power supply	12 VDC
Power consumption	< 5 W per device
Dimensions (IP encoder hardware)	30 x 105 x 170 mm

FUNCTIONAL DIAGRAM

CON Unit

Video only mode

CON Unit

Cat X
Fiber (Single-mode)

HDMI

Video
Encoder

IP-Connection

Monitor Layout

Disconnect preview
By moving CON with mouse to icon

Selectable CPUs
Moving CPUs with the mouse to CON
activates preview

Active preview

Download Tera Viewer Software
www.ihse.de/download/software.html

ihse.