

TREALITY TD-series

High-quality simulation at any location

Mobility, cost effectiveness and high performance: these are the keywords of the new TREALITY TD-series of transportable dome displays for the Simulation and Training market. Developed for fast deployment with an absolute minimum of adjustment and to fit and operate in compact environment, the new TD-series brings realistic flight, ground, vehicle or mining simulation as close as possible to the actual operations or mission center.



Deployable in a Large Variety of Applications

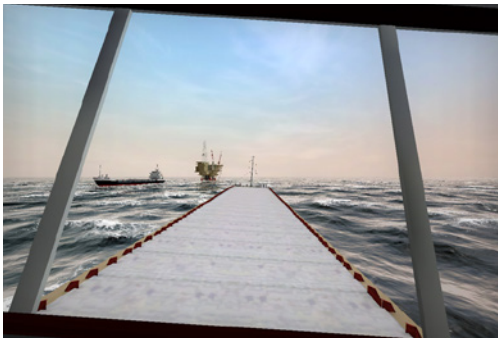
TREALITY simulators are deployable in many markets, ranging from flight, vehicle and ground simulation, to mining. Any application that needs compact and high-quality dome simulation, close to the site of the operation, will benefit from the TREALITY TD-series.



Driving - Car, Trucks and Public Transportation Vehicles



Ground - Advanced Weapons



Maritime - Instructor Workstations & Naval Training



Mining - Heavy Equipment & Cranes

Mobile, cost-efficient and Discover the TREALITY



High-tech Screens and Optics

The monolithic TREALITY “patented” semi-rigid screen technology was developed for simulation applications. Seamless and lightweight, it offers both the highest details using high contrast coating and the optimal visualization ergonomics.

Built for Fast Deployment

To make the TD-Series easily deployable, it was designed with special focus on Design For Assembly. Only one tool is needed to fully assemble the mechanical structure and projectors. Magnets are holding the one-piece screen in perfect place.

high-performing TREALITY® TD-series



High Brightness in a Compact Size

With the BenQ 4KUHD TREALITY offers a projector with a superior image quality which adopts the cutting-edge 4K Image Amplifying Technology to further enhance the resolution. The BenQ 4KUHD is a low maintenance projector designed with sealed laser modules and enclosed light engines. Check the table on the back page to discover the TD-595 visual display specifications.

BenQ 4KUHD



Day and night mode training

By offering customers the TREALITY Optical Soft Edge Matching (OSEM) option the TD-595 visual display is well suited for night and IR simulated NVG training.



Helicopter Part Task Trainer



Night & IR simulated imagery

TD Series is a proven solution

TREALITY TD-Series have been used for a number of simulation and training applications. The automated calibration system allows for simple and quick alignment which is ideal for remote mission training activities. The seamless full immersive visual display is a true added value for any part task training.

Several TD-Series configuration are in use for following aircrafts; M-345, M-346, Hawk, F22, Typhoon, UAV



TD-series System Specifications

Model	Description	VFOV Up	VFOV Down	HFOV	Resolution** [arcmin/OLP]	Brightness Average [FI]	System Contrast
TD-595	5-channel BenQ	+54	-42.5	220	5.4	14	10:1

Available with optical soft edge blending (OSEM)

** Unwarped average optical resolution

TD-series Dimensions

Model	Width	Depth	Height	Radius
System DEP* at 1,1 m	2385 mm	2050 mm	2715 mm	
System DEP* at 1,3 m	2385 mm	2050 mm	2775 mm	
TD-Series Screen				1150 mm

* DEP = Design Eye Point

TREALITY Experience

With a wealth of experience in both projectors and projection screens, TREALITY SVS is an established name in the Simulation & Training market. The TREALITY TD-series combines technological leadership with clever engineering, creating a stunning visualization system that is cost-effective, compact and easy to deploy. Discover why these revolutionary simulators are the best choice to optimize your operations.

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TREALITY SVS Simulation is an ISO 9001:2015 registered company.
The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.
The latest version of this brochure can be found on www.trealitysvs.com.

SVS-TR-TD SERIES_21_00

www.trealitysvs.com

TREALITY SVS LLC
Simulation Visual Systems
600 Bellbrook Avenue
Xenia, Ohio 45385-4053
USA: +1 937 372 7579

TREALITY SVS BELGIUM
Pieter Verhaeghestraat 44
B-8520 Kuurne
Europe: +32 19 60 04 03

