

## EUT-MS EUT Monitoring Systems

### **EUT Monitoring, Analysis, Data Recording**

A TDK RF Solutions EUT (Equipment Under Test) Monitoring System combines monitoring instrumentation, video and audio equipment, and software to provide EUT signal monitoring (analog and digital), EUT stimulation, and monitoring for visual or audio interference during testing. Unlike other systems, TDK RF Solutions' EUT Monitoring System analyzes data for interference or failure conditions during the test, and records test data for retrieval after the test is complete.

### **Full Synchronization**

The EUT Monitoring System is designed as a stand-alone system that communicates with the main TDK RF Solutions' test system through our EUT Monitoring and test software. Through this link, the EUT Monitoring System is fully synchronized with your test system, so monitoring is enabled only after the test level is established with the main test system. This unique feature means that all parameters are captured by the EUT Monitoring System, which enables you to precisely recreate interference or failure points to resolve compatibility issues monitored during testing.

### **We Meet Your Standards™**

The EUT Monitoring System is configured specifically to meet your test requirements and preferences. In addition to standard applications, it can be configured for specialized requirements such as audio breakthrough required by mobile radio standards, ABS/TCS testing required in automotive test standards, and other product-specific EUT monitoring requirements. Whichever options you choose, you get a seamless interface with your main test system and complete control of the EUT Monitoring System from the control room console.

### **Proven Solutions**

Our test system designs are based on proven solutions already in place in Europe, North America, and Asia. Each new system incorporates the latest technologies to cover the standards that apply to your products.



**A TDK RF Solutions EUT Monitoring System integrates monitoring instrumentation, video and audio equipment, and software to provide EUT signal monitoring, EUT stimulation, and monitoring for visual or audio interference during testing.**

**The EUT Monitoring System allows control and monitoring of an EUT from the control room console and a seamless interface with your main test system.**

### **Flexibility and Scalability**

We pay special attention to the ability to upgrade a system in the future to handle changes in the test standards. By selecting and designing products that can be adapted to new requirements, we help you stay current as new technologies are adopted and new standards are introduced.

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## System Components

A typical EUT Monitoring System may include:

**EUT Stimulation and Monitoring Instruments** selected to cover applicable specifications and meet your price/performance requirements.

**Video Monitoring System** using shielded color cameras to visually monitor equipment under test.

**A System Controller with Application Software** that offers state-of-the-art power to control monitoring equipment and to process and store data, graphics, and results of series measurements.

**System Cabling and Switching** to connect the control room with the chamber and/or shielded room to allow test engineers complete control of the EUT monitoring system from the desktop.

**Fiber Optic Links** for analog and digital signal monitoring.

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## Standard Applications

- EUT Signal Monitoring, Analysis, and Display
- Video Monitoring, Analysis, Capture, and Recording
- Audio Monitoring, Analysis, and Recording

## Specialized Applications

- Audio Breakthrough
- RXQUAL
- Unintentional Transmissions
- ABS Testing
- TCS Testing

## EUT Monitoring System Features

- Best-in-Class Test Instruments
- Fully Integrated Hardware and Software
- Remote Control of Cameras
- Automated and Manual Monitoring
- Ergonomically Designed Test Consoles and Racks
- Seamless Interface with EMI-TS and EMS-TS Test Systems
- Quality Workmanship
- On-Site Training
- Full Warranty

## Ordering Information

**Each EUT Monitoring System is designed to your specific needs. Please contact our technical sales team with your requirements:**

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