

TÜV Rheinland

Innovative Certification solutions for Electrical Products

High-quality products should be seen by more people

TÜV Rheinland focuses on the interaction between products and people from the user's point of view, and evaluates whether a product is a high-quality product that consumers really want through scientific and objective testing methods.



AR/VR/MR Products

Focus on the comfort level of AR/VR/MR Products

AR/VR Eye Comfort
Near Eye Optical Performance
AR/VR Color Accuracy
AR/VR Low Blue Light

XR User Experience
XR System Integrity
High Visibility AR
AR/VR Flicker Free



Charge - Cell Phone, Tablets, Charger, Outdoor Power Supply

Focus on charging safety

Safe Fast Charge System
Battery Cycle Life

Reliable Charger



Performance - Cell Phone, Tablets, Electronic pen

Evaluate product performance from the user's perspective

High Gaming Performance
High Efficiency Heat Dissipation

High Network Connection Performance
Pencil-Like Writing



Display - Cell Phone, Tablets, Laptops, Monitors, TVs, Educational Screens

Focus on eye health and performance of display products

For Eye Health

Low Blue Light (Hardware/Software Solution)
Flicker Free / Flicker Reduce
EyeSafe Display
xx% Blue Light Reduction
Circadian Friendly
Intelligent Eye Care
Advanced Eye Care
Reflection Free
Youth Care
Paper Like Display
Color Vision Accessibility
Eye Comfort
Full Care Display

For Display Performance

Color Accuracy
Color Accuracy and Quick Stability
Precise Color Projection
Color Volume
High Performance Curved Display
High Gaming Performance Display
High Visibility Automatic OLED
8K Resolution
IPS Black
Dynamic Privacy Filter
4-way Dynamic Privacy Filter
Reliable Folding Display
Realistic Visual Experience

The following projects are under development

High Performance Micro LED
High Performance Mini LED
True White

Motion Clear
Consistent Color
Blue Light Reduction



Reliability - Cell Phone, Laptops, Panel, PC, Electronic lock

Tests to evaluate the overall reliability of the product

Reliable Folding
Low Surface Vibration
Reliable Protection

Reliable Folding-For Panel
High Reliability
Eyesight Comfort System - For Classroom



Acoustic - Cell Phone, Tablets, Laptops, Earphones

Focus on product acoustic performance, such as noise reduction, hearing protection, etc

High Performance/Low Latency
Hearing Care

High Performance Noise Cancellation
Ultra Low Noise



Appliances - Air conditioner, Dishwasher, Floor washer, Vacuum cleaner, Coffee maker, Floor sweeper, Pet appliance

Focus on the performance and healthy experience of using household appliances

Allergy Care
Flash Cooling
Green Products
Safe for pets
Anti-hair Wrap

Constant Suction Power
Bacteria Elimination Products
Effective Deep Cleaning
High Washing Performance
Effective Edge and Corner Cleaning

The following projects are under development

Antimicrobial Products

Smart navigation



Intelligent Cabin - Car

Researching the core elements that a person needs in a driving scenario

The following projects are under development

High Outdoor Visibility
High Performance Lidar
Healthy Driving
Smart Driving

High Visibility HUD
Human Centred User Experience
Smart Wearable
Eco Driving

In today's dynamic and ever-changing technological world, consumers are looking for more in addition to basic safety, TÜV Rheinland understands the trend and invested in research and development of innovative certification schemes to support you in elevating your business value

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