

## EMC USB CAM

### SHIELDED USB CAM OVER FIBER OPTICS

#### Technical Specifications

<b>Video Resolution</b>	Full HD 1080p/30 fps
<b>Optics</b>	Carl Zeiss
<b>Focus type</b>	Manual / Auto
<b>Audio</b>	N 2 channels stereo
<b>Type of Microphones</b>	Omnidirectional
<b>Microphone range</b>	Up to 1 meter
<b>Diagonal field of view</b>	78°
<b>Shielding capability</b>	200 V/m up to 18GHz
<b>Connection</b>	USB type A plug-and-play
<b>Mount type</b>	Standard tripod 1/4"
<b>Battery:</b>	20 Ah Li-Ion rechargeable
<b>Charging port</b>	Micro USB
<b>Battery indicator</b>	LCD screen (optional)
<b>Fiber optic type</b>	LC Multimode
<b>Max. fiber optic length</b>	10 Km
<b>Dielectric Tripod:</b>	included
<b>Dimensions</b>	195 x 115 x 60 mm
<b>Compatibility</b>	Windows 8 or later macOS 10.10 or later ChromeOS / LINUX



#### Product Description

This camera was specifically designed by EMCTEST in field experts to work in extreme EMC environments.

The full metal body construction allows operation even if exposed to RF fields up to hundreds V/m.

The internal battery keeps the camera on at full resolution up to 10 Hours continuous use. An optional bright battery level indicator shows remaining charge. The cable-less multimode fiber optic connection eliminates any interference and allows extension of the USB 2.0 camera interface up to 10KM voiding any interference caused by wires. Its portability, mount flexibility and size makes it perfect to monitor devices under test during radiated immunity tests.

Thanks to its diagonal field of view of 78° fixed is possible to perfectly frame the object and the surrounding space in Full HD at 1080p / 30 fps or 720p / 30 fps. The five-element lens captures razor-sharp images and fantastic colors while precise and smooth autofocus ensures consistent definition and smooth images. Two microphones, one on each side of the camera, allows real time sound capturing over image view. Motion detection and audio detection capability can be used to trigger events during testing.

## Key features

**Robust Shielding capable o withstand fields over 200 V/m**

**Full HD resolution at 1080p with Autofocus and Carl Zeiss Lenses**

**Auto Brightness Correction technology produces bright, high-contrast images even in low-light conditions**

**High capacity 20 Ah LiIon internal battery for extended operation**

**Standard shielded micro-USB battery charging Port**

**Can be charged via any standard micro-USB phone charger or power bank**

**High quality standard dielectric tripod included**

**CE Marked**

**Plug and play compatible with Windows 8 and above**

**Compatible with any standard web cam or motion detection software**

## Standard System Configuration

