

Datasheet

Field of application and characteristics

The **dAV-Cr-HD-μ** camera can be used for the optical monitoring of devices under test during EMC measurements. It has especially been developed for restricted space applications and can be **remote controlled** from the control room (digital zoom, integrated short range LED and **audio**). The micro camera is **compatible to our existing HD system** (receivers being sold from March 2015) and can just be connected as any other camera (camera channel needed). Because of the HD-resolution, high quality DUT surveillance can be done. With the optical transmission and the shielded case, the camera is well equipped for EMI and EME tests.



Technical data

General data:	image sensor: 1/2.45", Full-HD resolution (1920x1080 30fps) zoom: 16x digital 52° horizontal and 29° vertical angle of view 6 lux minimum illumination
Focus:	autofocus and manual (via Remote Control)
Minimum object dist.:	approx. 100mm
Optical transmission:	digital, remote and signal on one fiber (FSMA multimode, 62.5/125μm)
Microphone:	built-in, mono
Power supply:	external, battery pack (2 included) or shielded power supply (110V or 230V) for special applications (ask!)
Case dimensions:	~30mm x 30mm x 110mm incl. connectors, aluminum case
Weight:	approx. 250g
Mounting:	1/4" tripod socket at case bottom, other threads available
Misc.:	remote control of all camera functions (no pan/tilt connection possible) LED light for short range illumination different types of receivers (dAV-Rr-HD) with options available (table top up to 4 channels, 19" 2HU with up to 8 channels, switch matrix horizontal / vertical flip via software possible)

Technical data external power supply

General data:	NiMH battery with 10 cells; 12V, 4Ah, >10h (standard) 2 battery packs included for continuous measurements
Case dimensions:	~136mm x 86mm x 65mm, aluminum case with rubber protectors
Weight:	approx. 1000g
Misc.:	2 different lengths of shielded cable (~0.6m and ~1.4m)