

Datasheet

Field of application and characteristics

The **dAV-Cr-HD-mini** camera can be used for the optical and acoustical monitoring of devices under test during EMC measurements. It has an integrated mono microphone and can be remote controlled via fiber from the receiver in the control room. Because of its miniature size and the HD-resolution, high quality DUT surveillance can be done at locations with limited space, e.g. GTEM cells, cars, ... With the optical transmission and the shielded case, the camera is well equipped for EMI and EME tests. No PC needed for display!



Technical data

General data:	image sensor: 1/3", Full-HD resolution (1920x1080p) zoom: 10x optical 62° (wide end) to 6,5° (tele end) angle of view From 0,5 lux minimum illumination
Optical transmission:	digital, remote and signal on one fiber (FSMA multimode, 62.5/125µm)
Microphone:	integrated, mono
Power supply:	external, battery pack (2 included) or shielded power supply (110V or 230V) for wall mount application
Case dimensions:	~110mm x 50mm x 50mm incl. connectors and switches, aluminum case
Weight:	approx. 400g
Mounting:	1/4" tripod socket at case bottom, other threads available
Misc.:	remote control of all camera functions and optional pan- / tilt unit 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 robust against EMS up to 200V/m and 40GHz
Available options:	pan- / tilt unit (PT-02 or PT-03)

Technical data external power supply

General data:	NiMH battery with 10 cells; 12V, 4Ah, approx. 8-10h (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 (e.g. 0.6m and 1.4m)