

Datasheet

Field of application and characteristics

The **dAV-Cr-HD** 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 set via an external set-up LCD and eight buttons on the case or via **remote control** from the control room. 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: 1/2,8", Full-HD resolution (1920x1080) zoom: 20x optical, 12x digital 55,4° (wide end) to 2,9° (tele end) angle of view 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-230V) for wall mount application
Case dimensions:	~135mm x 70mm x 80mm incl. connectors and switches, aluminum case
Weight:	approx. 650g
Mounting:	1/4" tripod socket at case bottom, other threads available
Misc.:	remote control of all camera functions and optional pan- / tilt unit set-up display for easy adjustment of camera LED lights for short range illumination different types of receivers (dAV-Rr-HD) with options available (up to 6 channels in 19" 2HU, 3HU switch matrix with up to 16 channels) robust against EMS up to 200V/m and 18GHz
Available options:	pan- / tilt unit (PT-02 or PT-03) 30x zoom (for large ALC and wall mount application) High RF shielding >200V/m up to 40GHz (option -HiRF)

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. 0,4m and 1,4m)