

Field of application and characteristics

The **dAV-Cr-HD-30-nd** camera comes with 30x optical zoom and 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 locally controlled via eight buttons on the rear case side or via **remote control** from the control room. The integrated short range LEDs are helpful for dark test conditions.

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. Counterpart is a receiver of the dAV-Rr-HD series. No PC needed for display!



Technical data

General data:	image sensor: 1/2,8", Full-HD resolution (1920x1080 25fps) zoom: 30x optical, 12x digital 63,7° (wide end) to 2,3° (tele end) angle of view Starting from 0,01 lux minimum illumination tested immunity levels: 600V/m up to 18GHz and UWB 45kV/m tested emissions: << CISPR 25 CLASS5
Optical transmission:	digital, one fiber only (FSMA multimode, 62.5/125µm)
Microphone:	integrated, mono
Power supply:	external, battery pack (2 included) for mobile use or shielded power supply (120V or 230V) for wall mount application
Case dimensions:	~135mm x 70mm x 80mm incl. connectors and switches, aluminum case
Weight:	approx. 650g
Mounting:	via 1/4" tripod socket at case bottom, other threads available
Misc.:	remote control of all camera functions and optional pan- / tilt unit LED lights 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)
Available options:	pan- / tilt unit (PT-02 or PT-03) for remote controlled movement High RF shielding option -HiRF: - tested small band >600V/m up to 40GHz - tested small band 90kV/m with 3GHz Water resistant for OATS test stands

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)

Sales Partner:



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