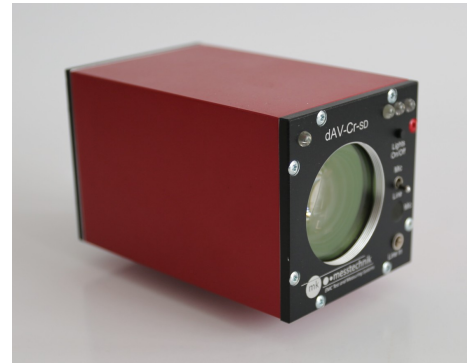


Datasheet

Field of application and characteristics

The **dAV-C / dAV-R** system system can be used for the optical and acoustical monitoring of devices under test during EMC measurements. The **dAV-C** camera has an integrated microphone and can be set via an external set-up LCD and eight buttons on the case or via (optional) **remote control** at the receiver. One field of application is the monitoring of dashboards or displays in vehicles ALCs (wall mount application) during EMC-tests. With the optical transmission and the shielded case, the camera is well equipped for EMI and EME tests.



Technical data

General data:	image sensor: 1/4", 540 TV lines, approx. 400k effective pixels PAL zoom: 36 optical, 12x digital 57,8° (wide end) to 1,7° (tele end) angle of view 1,4 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.:	set-up display for easy adjustment of camera LED lights for short range illumination Different types of receivers (dAV-Rr-SD) available (one or more channels, VGA, OSD, joystick and software remote control, switch matrix, etc.) robust against EMS up to 200V/m and 18GHz
Options:	remote control of all camera functions and optional pan- / tilt unit pan- / tilt unit (PT-02 or PT-03) 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)