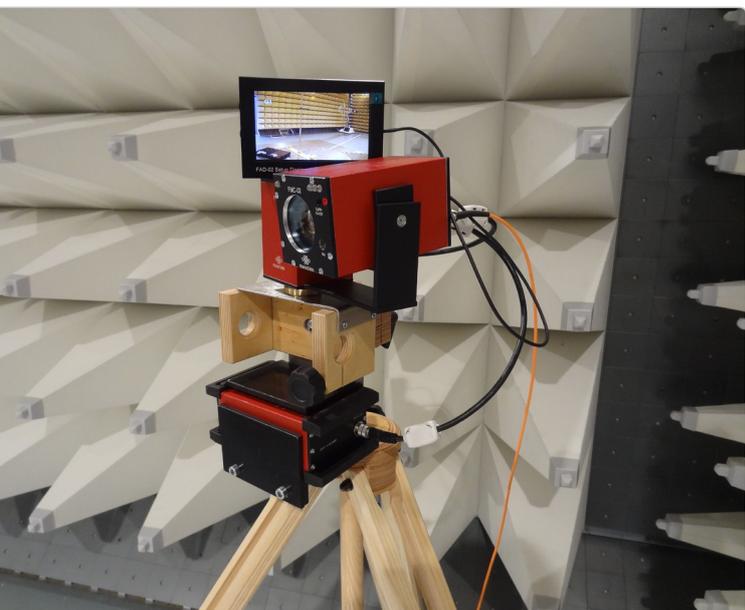


SHIELDED CAMERA SYSTEM – FMC-03/ FMC-03-HD

Frankonia's shielded camera module FMC-03 is perfectly adapted to the EMC environment and to monitoring EUTs during EMC test. The camera module FMC-03 is available as SD or full HD version, and comes with either a power supply (FPS-03) or a battery pack (FPB-03) for mobile use. On the back of the camera module are all the necessary command buttons to facilitate the set-up of the camera. Full functionality provided with Frankonia software, and more remote controlled possibilities are offered via a optional joystick or via front panel on the camera controller. Further amenities that are available for the FMC-03 are a pan/tilt unit and a small setting-up display. With all these features, it is adapted for transmission of camera pictures over long distances without loss of signal quality. Moreover, a wide range of accessories for control and recording and also monitors are available.



Features

- Integrated microphone
- Wide zoom range
- Integrated DVI and VGA output signal
- Higher luminous sensitivity (SD – 0.6 lux, HD – 0.1 lux)
- LED lights for short-range illumination
- Robust against EMS up to 200 V/m and 18 GHz
- User-friendly integration
- Wall fixation kit
- Absorber fixation kit
- Software control

Options

- High RF shielding >200 V/m; 40 GHz
- HD: 30 x zoom available
- Joystick controller
- Front panel controller

Shielded Camera System – FMC-03/ FMC-03-HD

Technical specification

Version	FMC-03	FMC-03-HD
Zoom	40 x optical 12 x digital	20 x optical 12 x digital
View angle	57.8° (wide end) to 1.7° (tele end)	55.4° (wide end) to 2.9° (tele end)
Image format	PAL 4:3	PAL 16:9
Camera resolution	670 TV lines	1920 x 1080 Full HD
Controller output adjustable via software	Standard settings:	Standard settings:
VGA/DVI:	1280 x 1024 p60	1920 x 1080 p60
CVBS:	720 x 576 i50	720 x 576 i50
Optical transmission	Audio, remote and signal on one fiber (FSMA/simplex – multimode optical fiber 62.5/125 µm)	
Microphone	Integrated mono	
Dimension	135 mm x 70 mm x 80 mm	
Weight	650 g	

SHIELDED CAMERA SYSTEM – FMC-03/ FMC-03-HD

Shielded Camera System – FMC-03/ FMC-03-HD

Accessories

Power supply FPS-03	Shielded mains adapter, 110 V to 230 V for permanent installation 136 mm x 86 mm x 65 mm, 800 g
Battery pack FBP-03	For external power supply, NiMH battery with 10 cells, 12 V, 4 Ah approx. 10 h Shielded case: 136 mm x 86 mm x 65 mm, 1000 g
Setting-up	4.3" LCD display
Pan/tilt unit FPT-03	For flexibility of camera unit; with buttons for moving and setting end positions
Controller FBC-03	Tabletop camera controller, base unit for one interface Remote control of camera functions via push buttons or software, 100-240 V (50/60 Hz) external power supply
Controller FCC8-03	Camera controller for up to eight interfaces (4x2) RS485 Interface for joystick USB interface for software control Operated via external PC Including multichannel 2 RU Optional: Front panel for direct remote control; Integrated loudspeaker with selection switch
Interface (HD) LWL-VGA/DVI + CVBS	Digital optical channel with standard (or HD) resolution, output connector VGA/DVI + CVBS
Remote control panel FEC-03	For convenient remote control with joystick
Recorder/Web server VC-15540	For simultaneous recording of up to four camera signals, image format PAL 4:3 (for CVBS signals) Subsequent postproduction is not possible 500 GB hard disk Remote control via software
Recorder FACR1-03-HD	19" rack mount with integrated PC Full HD DVI In; External monitor (full HD), keyboard, mouse required Subsequent postproduction via software is possible One channel DVI In 500 GB hard disk, additional audio hard disk 1 TB, DVD-RW
Monitors	19" for SD only, 24" full HD, 42" LCD full HD
Fixations	Wall holders, or tripods

