

Recorder

 DMR 8



HIGHLIGHTS

- 8 channel hybrid realtime DVR
- Developed for the mobile transport environment
- Dynamic Image Quality Management
- Integrated 3 axis acceleration sensor
- Serial GPS
- Hybrid Data Management
 - Onboard Video Storage Redundancy
 - Interactive Hard Disc Protection
 - Intelligent Recording Concept
- X-TEA
 - Newest generation of data protection

Recorder X-DMR 8

Item-no.: 9010001

Video Standard	CCIR/ PAL & EIA/ NTSC (Analogue) IP camera (Digital)
Video Compression	H.264 High Profile Optional H264 Intra (similar to MJPEG)
Audio Compression	G.711
Resolution	D1 (720H x 480V NTSC, 720H x 576V PAL) Half D1 (360H x 480V NTSC, 360H x 576V PAL) CIF (352H x 240V NTSC, 352H x 288V PAL)
Recording Modus	Permanent, Contact& Timer
Frame rate	240fps@CIF (NTSC), 200fps@CIF (PAL) 180fps@Half D1 (NTSC), 150fps@Half D1 (PAL) 120fps@D1 (NTSC), 100fps@D1 (PAL) The frame rate can be individual programmed / channel
Bit rate / Channel	Scalable up to 3Mbps
Video Inputs	8x BNC, 1Vss@75Ohm IP cameras via Ethernet-interface
Video Output	1x BNC, 1Vss@75Ohm
Audio Inputs	2x Line IN (0-2Vss, nominal 0.755Vss)
Contact In / Out	8x Contact IN, level controlled or against ground 4x Digital Output, Open-collector 2x Relay OUT, SPDT, max. 48VDC, 500mA
Interfaces	1x IBIS; 1x USB2.0; 1x RS232 (GPS)
Ethernet	1x RJ45 / M12, 10/100Mbps
Recording Media / Capacity	1x 2,5" S-ATA HDD (up to 2000GB) 1x SD/ SDHC card (up to 32GB)
Recording Design	Hybrid Data Management - Onboard Video Storage Redundancy - Interactive Hard Disc Protection - Intelligent Recording Concept
Sensor	1x 3-axis acceleration sensor 1x Temperature sensor
Voltage Input	11 - 36V/DC (<10W, without cameras)
Voltage Output 1	2x 12V/DC, max. 1A
Voltage Output 2	2x 12V/DC, max. 1A
Operation Temperature	-25°C to +55°C/+70°C (according to EN50155 T1-Class)
Cooling	Passive
Dimension - Housing (WxHxD)	262x75x214 mm
Mounting	4x M4 threaded hole on the bottom
Operation System	Embedded Linux
Weight	2.5 kg incl. HDD
Data Protection	X-TEA Optional data encryption with generic algorithms in order to secure recording and transmission of video and audio data
Configurations- and Viewing Software	X-MediaManager
Control Centre Software	X-FleetManager
Approvals	CE, e-mark

Axion Technologies GmbH
 Oederstr. 47 - 24539 Neumünster - Germany - Phone: + 49- (0) 4321-75455-0 - Fax: + 49- (0) 4321-75455-10
 E-Mail: info@axiontech.de - Web: www.axiontech.de