

Chainwatch

MV-DR-4X, MV-DR-10X

Video Transmission



The Chainwatch X / XS Video transmission series DVR's provides remote viewing is via dial up or IP connection. Available in 4 or 10 analogue or IP cameras, for PAL or NTSC.

Features

- Free of charge implementation of hybrid functionality for existing transmitters via remote firmware update
- Hybrid functionality with manufacturer-neutral compatibility for analogue and IP cameras
- Individually adjustable image resolutions up to 720 x 288 pixels and megapixel resolution with IP-cameras
- Integrated Multi-Unicast server supporting multiple IP network connections and simultaneous dial-up connections
- Integrated Web server for up to 4 IP-connections, enabling video transmission and camera control on a PC/Smartphone/Handheld using standard Web browser
- HTconnect enables unrestricted, but safe access over the Internet to Firewall protected video systems (also with dynamic IP-addresses) in private nets. Additionally HTconnect controls permanently the availability of the entire system from public net over private net to video transmitters
- Camera position authentication and camera specific alarming of video loss with analogue cameras
- Integrated email client for alarming up to two email addresses
- Up to 5 privacy zones per analogue camera, configurable for live images or live and recorded images
- Precise recording of pre and post alarm images, individually adjustable to camera and event
- Event-triggered connections by alarm contact, motion detection (with analogue cameras), serial command, technical alarm, and routine call
- Perfected for alarm verification and conformity with monitoring centre applications
- Full-duplex voice communication via bidirectional audio transmission
- Integrated interfaces for Ethernet network, PTZ control, data transmission, and system integration
- Data transmission via USB interface
- Extensive remote control functions to control lighting, barriers, alarms, doors, or any relay-controlled devices
- Compact design, suitable for desk, wall and 19" mounting

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Detailed Specification

Video

<p>Video standard CCIR/PAL and EIA/NTSC (analogue), dependant on IP camera (digital)</p> <p>Video compression Device internal with HTcompress¹ (M-JPEG differential compression with adjustable compression factor per Camera)</p> <p>Picture formats With IP camera dependant on model: standard to megapixel resolution; with analogue cameras: Transmission: 720 x 288, 512 x 256, 256 x 128, 128 x 80 pixels and 16 Bit colour depth, Recording: 720 x 288, 512 x 256 pixels and 16 Bit colour depth.</p>	<p>Video inputs 4 or 10 x CVBS (BNC), 1 Vpp/75 Ohm with loop through outputs (auto-termination)</p> <p>Video output Camera switcher with manual, alarm and sequence control; 1 x CVBS (BNC), 1 Vpp/75 Ohm</p> <p>Motion Detection¹ Selectable per camera with adjustable detection zones for alarm transmission and event-triggered recording (HDD)</p> <p>Signal monitoring¹ Video signal monitoring (sync. and picture content) for all cameras</p>
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¹ Only with analogue camera's

Audio

<p>General Optional plugin-module (Audio Card) for bidirectional audio transmission and recording</p> <p>Audio compression SPEEX Codec, 16Bit, 80-8000 Hz</p>	<p>Audio inputs 1 x line in (0-2 Vpp, nominal 0.775 Vpp) or Mic in (electret or electrostatic microphone)</p> <p>Audio output 1 x line out (0-2 Vpp, nominal 0.775 Vpp) and 1 speaker out (1 Watt/8 Ohm)</p>
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Transmission, Recording

<p>General Video and audio transmission, recording of pre-alarm images</p> <p>MultiCast / Unicast Up to 6 IP or 5 IP and 1 dial-up Connections 4 IP and 2 dial-up connections simultaneously</p> <p>Web server Up to 4 IP connections via PC, Smartphone, PDA browser</p> <p>Video transmission <small>(of Live and recorded images)</small> With up to 25 fps via IP (LAN/WLAN, Internet, DSL, GPRS, HSDPA, CDMA, UMTS, EDGE) and dial-up (PSTN/POTS, ISDN, GSM, HCS D)</p>	<p>Recording media 28 MBytes RAM for pre-alarm images only (1400 images)</p> <p>Initiation Trigger Dry contact, built-in motion detection¹, serial command and timer based calenderPrivacy</p> <p>Zones¹ Up to 5 privacy zones per camera; live images for each camera</p> <p>Recording modes Pre-alarm recording until connection (RAM)</p> <p>Recording intervall Adjustable between 0-99 seconds (value "0"= as fast as possible)</p> <p>Callback Automatic callback to pre-programmed receiver stations with CamControl software</p>
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¹ Only with analogue camera's

Remote Access and Evaluation

<p>General features Remote access to live images, recorded images and remote setup-/maintenance and recording via receiver software</p>	<p>Reference images Transmitter list and camera selection supported by object specific reference images</p> <p>Access protection Multiple password levels and sophisticated user management</p>
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