

MULTIEYE[®]-HYBRID GreenWatch RealTime Recorder

The MULTIEYE-HYBRID GreenWatch recorder with 8 channels is the ideal product for demanding surveillance tasks in smaller objects. It is characterised by user friendliness, functionality and efficient operation.

The GreenWatch HYBRID recorder features 4 analog and 4 IP video inputs. It can process image data rates of up to 480 megapixels per second thus being perfectly suitable for applications in connection with megapixel cameras. For easily integrating network cameras the software supports more than 800 of the most common IP cameras and video servers of more than 80+ different manufacturers which allows ultra-fast and uncomplicated adaptation.

Thanks to its high functionality and productive efficiency the GreenWatch recorder is a real all-purpose device, suitable for outdoor/shop surveillance in petrol stations, outdoor/indoor protection of a craftsman's establishment, a branch office or a private house — for a new installation or an integration into an existing digital surveillance system. The recorders feature a modular construction, are scalable and easy to modernise and thus represent a low-risk investment for your customers.

The MULTIEYE recorders' basic configuration already features video monitor and alarm management. Several users may access the live data as well as recorded data by means of PC, notebook, iPad or PDA simultaneously and through various networks/band widths.

Several GreenWatch recorders — in connection with the VideoCenter III — can be expanded to a large-sized system with 1.000+ cameras.

Available versions:

The MULTIEYE-HYBRID GreenWatch recorder is available with 100fps for the 4 analog channels and MJPEG software compression.



Features

- 8 channel hybrid video recorder (4 analog and 4 IP video inputs)
- 1 TB storage capacity (2 TB optional)
- 1 audio input
- 1 video monitor output for analog cameras
- Recording frame rate: max. 200 fps*, thereof 100/120 fps analog
- Image processing data rate max. 480 MPixel/s*

Basics

- Easy to use and well-structured
- Scalable through a number of software and hardware modules and licenses
- Quadplex[®] operation
- Support of common IP cameras and video servers by more than 80 manufacturers
- Supported video codecs: JPEG, MJPEG, MPEG-4 and H.264
- Future proof: support of IP cameras up to 20 MPixel
- Shell Module
- Motion Detection, camera independent
- Privat zone masking support
- Hot zone megapixel zooming during live monitoring, replay, controllable by mouse or joystick
- Alarm inputs and relay outputs (optional), support of network cameras/video servers, IO servers
- User administration: clearly arranged, versatile configuration, support of "four-eyes" principle
- Live Updater: software updates conveniently via internet

Live monitoring and remote surveillance

- Programmable multiscreens with hot spot monitor
- Multi monitor support
- Remote surveillance with bandwidth throttle optimization, perfect for megapixel operation
- PDA ready (without additional software or plug in)
- ImmerVision IMVI-1/3 panamorphic lenses support: distortion-free live display and recordings, supporting quadview and digital PTZ

Recording / replay / analysis

- Multi functional storage management, choice between dynamic or static recording modes
- Pre alarm, post alarm and suspicious alarm recording
- Event-driven recording by motion detection, timer operation, alarm inputs, data interface
- Replay by MultiPlayer, NetworkPlayer, Webbrowser. Simultaneous playback, keyboard-, joystick-, jog shuttle support, 1,2,3 and 4-fold display, wide range of search criteria
- Smart Search, ultrafast evaluation and analysis of video footage with "MotionSearch", "MotionTrack" and "Motion Histogramm" functions

Reliability / security / service

- High operational stability by software and hardware watch dogs, crash recovery, video/signal loss detection, Shell
- Digital water mark in videos and snapshots
- Alarm, status and routine messenger via email, ICQ, Net-Send or via alarm contact
- Data interface
- S.M.A.R.T surveillance of hard disks
- SystemRestorer for storing and recovery of MULTIEYE configurations, with camera reference snapshot function
- Configuration report

Interface

- Data interface via TCP or COM for IO servers, cash registers/cash machines, video sensors, bar code scanner, access control, EBÜS, facility management etc.
- Multilingual support available in several languages, direct switching to other languages

Technical specifications

- Channels: 8 (4 analog and 4 IP video)
- 1-4 audio inputs, cameras freely allocatable
- Alarm inputs and relay outputs: optional over EX-IO server
- Video container format: AVI
- Recording frame rate: up to 200 fps*, thereof 100/120 fps analog
- Image processing data rate: max. 480 MPixel/s*
- Image resolution up to 20 MPixel per IP video channe
- Monitor output: 1x DVI-1, 1x HDMI, 1x Displayport
- Ethernet (RJ45) 1x Gbit/s
- 4x USB 3.0; 4x USB 2.0; 1x eSATA; 1x FireWire
- Software: MS Windows® 7 -> XP Prof. and MULTIEYE-NET incl. NetworkPlayer, IP-HD and Shell
- Hard disks: 1 TB (2 TB optionally)
- DVD-RW drive (optionally)
- Housing: Desktop (WxDxH): 222x190x351 mm
- Weight: ca. 7,3 kg
- Voltage supply: 110-230 VAC, 50/60 Hz
- Power consumption: 90W
- Operating ambient temperature: +10 - +35°C. Humidity: 5-70% non-condensing
- Compliance/certification: CE, EN, RoHS
- Warranty 2 years (3 years optionally)
- **Extensions:** A number of software modules is available for the realisation of customised sector and business specific solutions. These include upgrading licenses, software modules like AutoBackup, Shell, VideoCenter III, DataLog, NetworkPlayer, PrivacyShield, ANPR number plate recognition and PeopleCounter.

* depending on camera resolution, IP-video codec, frames per second, number and kind of remote monitoring connections.

Scope of delivery

GW2001 MULTIEYE-HYBRID GreenWatch Realtime Videorecorder

Accessories and extensions

NG1003 REC NetworkPlayer, software and server license

NG2003 Warranty extension to 3 years

NG2004 Service Package MULTIEYE

GW0902 GreenWatch Upgrade to 2 TB HDD