

# MULTIEYE®-HYBRID DVR-KITS



## Highlights

- Scalable DVR-Kits for creating hybrid digital video recorders with up to 32 channels
- Audio support for up to 32 channels, lip-synchronized
- Event and alarm management
- Easy integration of IP cameras and video encoders/servers through more than 180 presently available profiles from more than 50 manufacturers
- Recording rate\* up to 300 ips
- JPEG, MJPEG and MPEG-4 recording
- Quadplex operation
- Digital zooming of both live and playback images
- Remote polling of live images and recordings
- Processing of IP video image sizes up to 11 megapixels
- Motion detection for all inputs
- Dynamic ring storage and user management
- Fast-track search of events through integrated video analysis (Motion-Search and MotionTrack)
- Integrated PTZ control

## System requirements

AMD/INTEL from 1.8 GHZ, RAM from 512MB, OS WINDOWS 2000, XP or Server 2003. recommended: INTEL Core Duo P4, Intel-based motherboards, RAM 2 x 512MB

## MULTIEYE®-HYBRID Digital Video Recorder Kits 4-32 Channels

With MULTIEYE-HYBRID DVR-Kits, highly professional digital video recorders can be created. MULTIEYE software supports the simultaneous operation of both analogue and digital camera technologies in one system. Up to 32 analogue and IP cameras can be combined and operated with each other as desired in one recorder. Yet the integration of IP cameras is just as simple as setting up analogue cameras.

With MULTIEYE-HYBRID, special emphasis has been placed on easy, clear operation, high image quality, operational security and options for subsequent expansion. MULTIEYE-HYBRID provides a multifunctional, highly innovative video recorder and management system. Because of its modular construction it can be modernized and adapted to specific customer requirements at any time.

## Express installation with Plug & Play

After the PCI video board and the software have been installed and the cameras connected, the system is immediately ready for operation. This is made possible by the combination of the functionality of modern PCs and servers with the innovative hardware and software of the HYBRID-DVR kits.

Artikel-Nr.	Lieferausführungen
810100	5/32 Channel DVR 425 STARTER-KIT
810000	5/32 Channel DVR-Kit I625
810110	5/32 Channel DVR-Kit I650
810061	9/32 Channel DVR-Kit I650/8
810120	5/32 Channel DVR-Kit I6100
810071	9/32 Channel DVR-Kit I6100/8
810075	9/32 Channel DVR-Kit I6200/8
810080	25/32 Channel DVR-Kit 32100/24

(All kits include NetworkPlayer)

# MULTIEYE®-HYBRID DVR-KITS

## Technical data

DVR-Kit Type	425	1625	1650	1650/8	16100	16100/8	16200	32100
Article no.	810100	810000	810110	810061	810120	810071	810075	810080
Analogue video inputs, activated	4	4	4	8	4	8	8	24
Expandable to	-	16	16	16	16	16	16	32
IP video input, (expandable through IP-4 to 4/8 etc.)	1	1	1	1	1	1	1	1
Expandable up to	28	16-28	16-28	16-24	16-28	16-24	16-24	8
ips* analogue PAL/NTSC	25/30	25/30	50/60	50/60	100/120	100/120	200/240	100/120
ips* IP video up to	275	275	250	250	200	200	100	200
Audio inputs	1	1	2	2	4	4	8	4
Connections for expansion boards EX-4	1	3	3	3	3	3	-	-
Connections for EX-IO boards	1	2	2	2	2	2	1-4, seriell	1-4, seriell
Dimensions H X L in mm	95 x 122	95 x 163	110 x 192	110 x 192	110 x 192	110 x 192	110 x 185	105 x 193

## General

Max. inputs	Up to 32, analogue and IP
Analogue video inputs	BNC, 1Vss, 75 Ohm termination deactivation possible, Video norm: PAL or NTSC
IP video inputs	Support of common IP cameras and video servers from presently more than 50 manufacturers from Axis to Yoko. Transmission formats: JPEG, MJPEG or MPEG-4 (with RTSP protocol)
Monitor connection analogue	Via BNC output per RCA adapter
Alarm inputs, outputs	Optional via EX-IO boards or EX-IO server
Codec (software compression)	JPEG, MJPEG and MPEG-4, adjustable for each camera, compression infinitely variable
PTZ control	Serial and IP, control via pop-up menu, keyboard or joystick
Audio	Lip-synchronized recording, dependent upon preconfigured recording rate
Image resolution analogue	CIF, 2 CIF, 4CIF, adjustable for each camera
Image resolution IP video	Standard up to 1.4 mil. Pixels, expandable through HD license up to 11 mil. Pixels
Live Monitoring	Via 8 programmable multi-screens
Text Overlay	Time, date format, free text to 20 characters, variable positioning, variable font size
Date imprint and recording	For POS, ZUKO, etc., optionally with up to 10 lines @ 40 characters
Video Motion Detection	Matrix with up to 2304 individual fields, unlimited no. of fields scaleable
Weekly timer	Adjustable per camera, continuous, motion detection, no recording
Playback	1-4 fold display, simultaneous or synchronized playback
Search criteria	Date, time, motion detection, motion tracker, motion search, motion histogram
Video outage recognition	For analogue and IP video sources, audio and optical messages via network as well
Video export	In AVI format, single or multiple videos with player for external playback
Snap Shots	In BMP or JPEG format
Authentication	Digital certification through invisible watermark
Ring-storage management	Dynamic or static recording, up to 25 hard drives/partitions, NAS, SAN
Password protection	Multi-level, integrated "4-eyes" principle
Remote enquiry	Via browser without plug-ins, LiveViewer with pop-up display and optical and/or audio alarm, NetworkPlayer for network-based analysis and playback, VideoCenter II
Remote configuration & maintenance	Via MULTIEYE Remote Control function (MRC)

Additional features: Integrated web and video servers, high-level functional security through on-board and software WatchDogs, alarm messages by email, SMS, ICQ, Windows News Service with or without alarm image, integrated routine messages, logbook, software update, various menu languages, compatibility: all MULTIEYE video boards are compatible with one another and can be operated together in one recorder – see data sheet video board combinations.

\* dependent on system performance, configuration, resolution and codec