

## Digital H264/MJPEG Triplex Video recorder for max. 16 Video- / Alarm-inputs, include Motionalarm, Power Supply, with DVD- and HDD- mobile rack

Art. Nr. 15216 Model name VC-DVR16-400-WAN Version 16-channel DVR  
 Art. Nr. 15416 Model name VC-DVR16-400D1-WAN Version 16-channel DVR

H264/MJPEG



VDE CE EMC



### Technical Data

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| Triplex function                      | Recording , Playback, Network acces simultaeously                      |
| Video level                           | FBAS 1 Vpp/75 Ohm                                                      |
| TV standard                           | CCIR, PAL 625 Lines, 50 images                                         |
| Resolution (digital)                  | 6,75 MHz (540 Lines) 720 x 576 pixels (Bether than VHS)                |
| Grayscale                             | 8bit 256 Stufen                                                        |
| Color scale                           | 24bit 16 Million color tones (8bit Y, 8bit U, 8bit V)                  |
| Compression process (15216)           | H264, MJPEG, MPEG4                                                     |
| (15416)                               | H264                                                                   |
| Image per second ( recording) (15416) | 400 FPS @ 720 x 576 /                                                  |
| (15216)                               | 400 FPS @ 352 x 288, 200 FPS @ 720 x 288, 100 FPS @ 720 x 576          |
| Images per second (Live )             | 400 Images / Resolution 720x576                                        |
| Storage groups                        | Ring / Alarm                                                           |
| Camera configuration                  | Each channel adjustable                                                |
| Recording duration                    | It depends of the Hard Drive and compression process                   |
| Reading / Playback                    | 1, 4, 8, 16 / 1, 4, 8, 16                                              |
| USB                                   | USB-Mouse, Art.Nr. 12104, USB-Stick                                    |
| Network                               | 16-channel Webserver                                                   |
| Network connection                    | 1 x RJ-45 Ethernet 10/100 MBit, 1 x RJ-45 Ethernet 1000 MBit (for NAS) |
| User rights                           | Each user can be assigned to which functions will be allowed to run    |
| W-LAN                                 | With Adapter Art.Nr. 11911                                             |
| Operation                             | WAN/LAN control , remote control box, Equipment, IR-Remote ( optional) |
| Outsourcing data                      | USB-Hard Drive, USB-Stick, CD/DVD (15016-DVD),                         |
| Search                                | Download by WLAN/LAN, Recording                                        |
| Display                               | Search directly , Alarm, Event                                         |
| Search criteria                       | 2, 4, 8, 16, 32-fach forward rewind                                    |
| Signal / Noise Ratio                  | Time, date, individual alarm message, POS, high-speed search           |
| Data connection                       | >62 dB                                                                 |
| Syncronisation                        | POS Conection for ATM                                                  |
| Programing                            | Internal                                                               |
| Alarm in / output                     | Local or remote programming                                            |
| Alarm history                         | 16 x / 3 x (Open / Closed)                                             |
| Alarm notification                    | Yes                                                                    |
| Operating temperatur                  | E-Mail, SMS- notifiacion by E-Mail Function or Popup                   |
| Humidity                              | -5 ° bis + 40° C                                                       |
| CE rule                               | 10%-85% not condensing                                                 |
| Security norm                         | EN 50081-1, 55011 Klasse B                                             |
| S-ATA Connection (each max. 1 TB)     | EN 60950, 60065                                                        |
| German Protection standar (VDE)       | 3x intern (of it 1 x mobile rack)                                      |
| Connections                           | IP 40                                                                  |
| Connection for IP-Cameras             | 16 x BNC Input, 16 x Looping                                           |
| Operating temperature                 | 2 x BNC Output (Main / Call - Output)                                  |
| Dimensions (B x H x T)                | 1 x VGA (Main output)                                                  |
| Weight                                | Connection of VC cameras or from other manufactures like :             |
| Included parts                        | Sony, Axis, ActivVivotek                                               |
| Control                               | 240V AC                                                                |
|                                       | 440 x 90 x 440 mm                                                      |
|                                       | 5,5 Kg                                                                 |
|                                       | Recorder, IR-Remote control , 19" Mounting, Power cord                 |
|                                       | Remote control Art.Nr. 14375, 14381                                    |

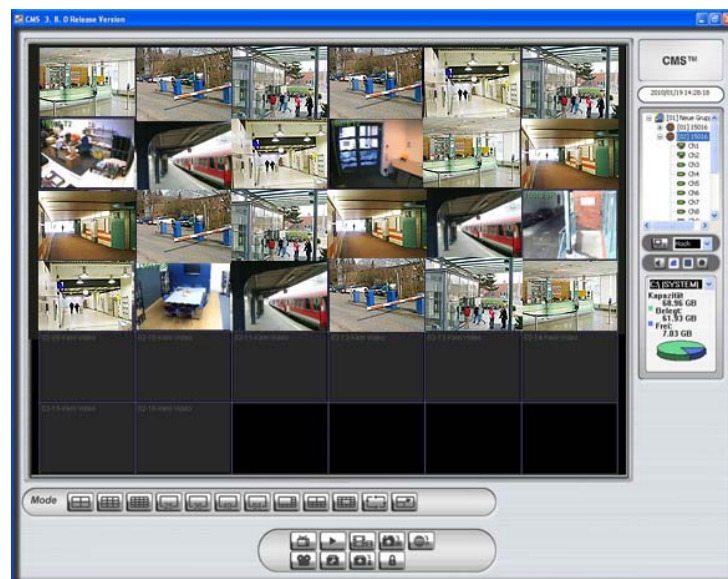
## Optional accesories

Festplatten 3x intern (davon 1x im Wechselrahmen) je max. 1TB,  
Maus Art. Nr. 12104, VGA Modul Art.Nr. 12105, W-LAN Adapter Art.Nr. 11911,  
Mobiler Wechselrahmen Art.Nr. 12059, Wechselrahmen für PC Art.Nr. 12058,  
Einschub für Wechselrahmen Art.Nr. 12555

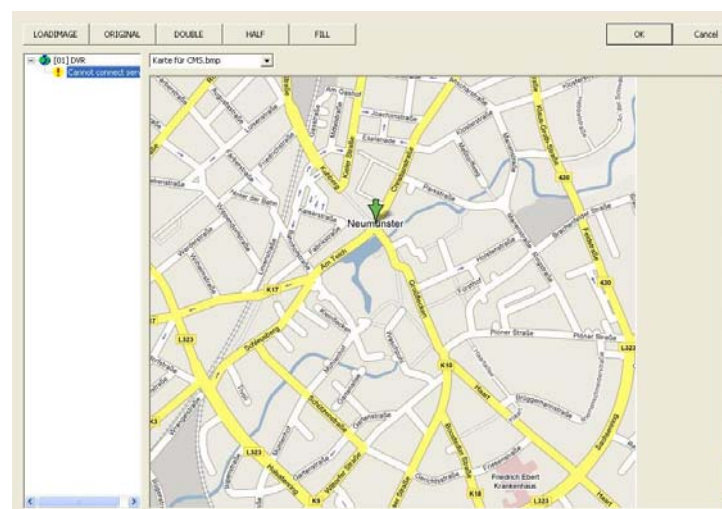
The recorder Art. Nr. 15016-DVD, 15016-HDD, 15004, 15216 and 15416 can be connected to a CMS software  
The CMS Software can display 64 pictures of any recorders. It is possible if the computer has 4 monitors to start  
the CMS software 4 times, then they have access to 256 channels.

The following functions are supported by the CMS software:

- Display
- Recorder programming
- Live
- E- Map
- Local record
- Local display
- Record of 1 picture
- Display and live view simultaneously
- Pictures can be freely positioned



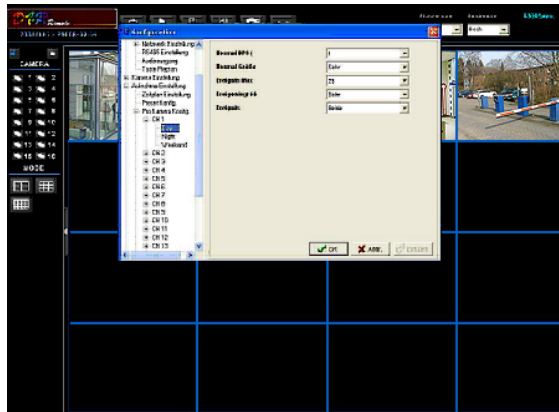
CMS Software Live view



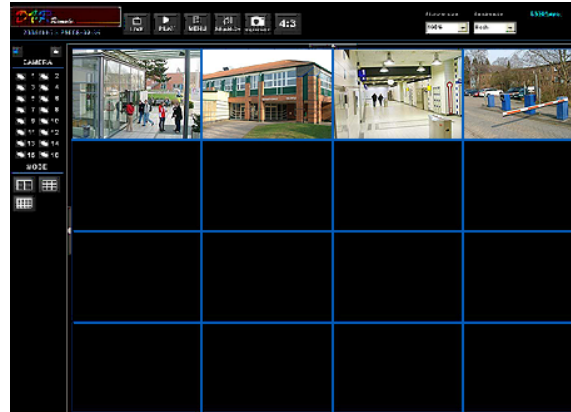
E-Map view

**EZburn Function:** Simple swap of data directly in the playback mode  
Beginning approach put , 1 x Call-Button press, then the terminal and once again the call button press. Then select the backup device (USB-Stick, CD, USB-Hard Drive), then press Enter button.

**EZsetup Function:** The recorder can be configured to meet the customer stops only desired recording time, the recorder calculates the necessary settings such as compression, and pictures per second.



Webserver Recorder configuration



Webserver Live view

## Access via mobile phone (Symbian) and I-Phone:

The access via mobile phone or iPhone is possible if the recorder is connected to the internet.

Live view of the cameras/ channels



Configurations Menu via mobile phone



Access via I-Phone

Live view individual camera/ channel



The following functions are available :

### Via mobile Phone

- Live view for individual camera/channel
- Reproduction of particular time
- Configuration
- Display of alarms

### - Access via Blackberry

- Display via I-Phone

- Liveansicht der einzelnen Kanäle/Kameras

Reference : Software in english

Please ask for compatible Mobile telephone.