

# Video Security



## DLR2-16N/280

Digital Video Recorder (16-Channels)  
280GB HDD, Alarm Inputs, Network, 24VDC

Art-No. 71872



## Features

### Duplex Operation

16 Loop-through Inputs / Composite/S-VHS Output

Audio and Alarm Inputs / Outputs

ML-JPEG Video Compression

280Gbyte EIDE HDD's (Extentable up to 1TB)

Video Resolution 720x576 Pixels max.

### Multiple Language On-screen Menu Control

Various Recording Modes

Secondary Storage / Archiving via USB Interface

PTZ Control and Remote Control through RS-485 Port

Integrated Motion Detector

Ethernet Connectivity

## Specifications

|                                 |   |
|---------------------------------|---|
| <b>Remarks</b>                  | Recommended LCD Monitors: s. Accessories  |
| <b>Video standard</b>           | PAL/NTSC  |
| <b>Monitor display</b>          | Real time: 25 Fields/Sec. (PAL), 60 Fields/Sec. (NTSC) per camera   |
| <b>Covert camera operation</b>  | Pogrammable   |
| <b>Alarm log</b>                | Up to 5,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors |
| <b>Playback</b>                 | 1, 4-, 9-, 16-channel split, PIP  |
| <b>Post-alarm recording</b>     | up to 5min.   |
| <b>Serial interface</b>         | RS-485 for telemetry control (eneo, Pelco P/D, e.g.) or remote keyboard control   |
| <b>Activity detection</b>       | 16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels  |
| <b>Simplex/Duplex operation</b> | Duplex  |
| <b>Video inputs</b>             | 16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs  |
| <b>Monitor outputs</b>          | Main: 1x 1Vp-p, (C)VBS, 75ohms, BNC; 1x S-VHS, S= 1Vp-p, C= 0.3Vp-p, 75ohms. Spot: 1x 1Vp-p, (C)VBS, 75ohms, BNC            |

## DLR2-16N/280

(Specifications continued)

|                             |   |
|-----------------------------|---|
| <b>Audio input</b>          | 1x line-in or mic., RCA socket  |
| <b>Audio output</b>         | 1x line-out, RCA socket   |
| <b>Resolution</b>           | 720x576 Pixels (Display)  |
| <b>Compression standard</b> | ML-JPEG advanced compression engine provides smaller data size without significant picture quality distortion, Audio: G.726 (ADPCM) |
| <b>Recording speed</b>      | 50 Fields/sec. at 336x272, 25 Fields/sec. at 672x272 (PAL)  |
| <b>Image size</b>           | Low: 2KB, Standard: 5KB, High: 7KB, Very high: 18KB (2x bigger at high resolution mode)   |
| <b>Hard disk capacity</b>   | 280GByte EIDE HDD   |
| <b>Secondary Storage</b>    | External HDD, CD writer via USB-port 2.0 or via SCSI-Interface  |
| <b>Alarm inputs</b>         | 16x TTL inputs, programmable as NC/NO   |
| <b>Alarm outputs</b>        | 4x TTL open collector, programmable as NC/NO  |
| <b>Alarm reset input</b>    | 1x TTL  |
| <b>Pre-alarm recording</b>  | up to 5min.   |
| <b>Menu languages</b>       | German, English, Italian, French, Spanish   |
| <b>Ethernet interface</b>   | 10Base-T/100-Base-TX, RJ-45   |
| <b>Remote Software</b>      | For remote administration and search function (supplied with the unit)  |
| <b>Interfaces</b>           | 1x USB, 1x RS-485, 1x RS-232 (Remote control via modem), 1x SCSI port for memory extension  |
| <b>Supply voltage</b>       | 24VDC (PSU 100VAC~240VAC, 60/50Hz included)   |
| <b>Power consumption</b>    | Ca. 150watts  |
| <b>Temperature range</b>    | 5°C to +40°C  |
| <b>Housing</b>              | Steel metal with plastic front, desktop design  |
| <b>Colour</b>               | Pantone 427C  |
| <b>Dimensions (HxWxD)</b>   | 88x430x357mm  |
| <b>Weight</b>               | 8.35kg  |
| <b>Parts supplied</b>       | 19" Rack mount kit, Mains cable, Viewer CD ROM (RAS), Screw set and flat cable for HDD assy, Manuals                                |

## Accessories

|                              |   |
|------------------------------|---|
| <b>74088 / EDC-KBD1</b>      | System Keyboard with 3-axis Joystick, 12VDC/230VAC                                      |
| <b>71855 / HDD-160</b>       | Hard Disk Drive 160GB for DLR/DLR2 and DXR Series                                       |
| <b>71857 / HDD-250</b>       | Hard Disk Drive 250GB for DLR/DLR2, DXR, DXR2 and DCR Series                            |
| <b>74092 / EDC-KBDM-3</b>    | System Keyboard w. Joystick, 5" Monitor 12VDC/230VAC                                    |
| <b>71910 / SE-W164C/EUBN</b> | CD/DVD Writer DVD+R/RW 16x/4x, DVD-R/RW 16x/4x, USB 2.0 Interface                       |
| <b>90392 / VMC-15LCD-P</b>   | 15" LCD Professional Colour Monitor, 1024 x 768, Comp., Y/C, RGB, 2Audio, 12VDC/230VAC  |
| <b>90393 / VMC-17LCD-P</b>   | 17" LCD Professional Colour Monitor, 1280 x 1024, Comp., Y/C, RGB, 2Audio, 12VDC/230VAC |

(Accessories continued)

|                              |  |
|------------------------------|--|
| <b>90430 / VMC-19LCD-P</b>   | 19" LCD Profession. Colour Monitor, 1280 x1024Px., Comp., Y/C, RGB, 12VDC/230VAC |
| <b>90443 / VMC-17LCD-PP</b>  | 17" LCD Colour Monitor, 1280x1024 Pixels Comp.,Y/C, RGB, 2x Audio, 12VDC/230VAC  |
| <b>90467 / VMC-32LCD-PW</b>  | 32" Prof. 16:9 TFT Colour Monitor, 4x CVBS, Y/C, RGB, 2x Audio, 100-240VAC       |
| <b>90476 / VMC-23LCD-PW1</b> | 23" Prof. 16:9 LCD Colour Monitor, 4x CVBS, Y/C, RGB, 2x Audio, 24VDC/230VAC     |

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