

## DI-Detector NPR multi-channel



### Multi-channel analysis system for recognition and evaluation of number plates

- Hard disk: 80 GB (standard)
- Output: 5 relay contacts
- Input: 4 floating contacts
- 4-channel evaluation
- Interfaces: VGA, LAN, USB 2.0
- Permanent reading of the data in the video signal, optional qualifiable with external trigger signal
- Comparison of the read data with integrated MySQL database
- Incl. a specially adapted IR camera (alternatively for reading distances of app. 5-6, 7-10 or 11-13m) with IR lens, IR-LED lamp, camera housing with special filter disk for daylight, wall arm and power supply unit with terminal box

### Options

- Software for central administration of several NPR systems in the network (DI-CAPE)
- Connection of an overview camera to register pictures of overall scene possible. For each sensor channel storage of one picture per identified number plate
- Triggering of an external DVR for the recording of video sequences before/after number plate recognition
- DFM-1 radio clock unit
- 19" installation frame
- Wall arm
- Parking space administration + time control

### Item numbers

- SL004.004.2K07 (5-6m)
- SL004.004.2K12 (7-10m)
- SL004.004.2K18 (11-13m)
- Others on request

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### Specifications

Standard version	NPR 2-channel or NPR 4-channel, with NPR 2-channel 2 overview cameras possible
Expansion options	NPR 2-channel or NPR 4-channel, crosslinking of several systems on request
Camera/video outputs	Up to max. 4 cameras, CVBS/1 Vpp at 75 ohm (analysis and overview)
Analysis rate	Max. 25 fields/sec./channel
Hard disk	1x 3.5 inch 80GB
Analysis	Permanent data reading in video signal, optional with external trigger signal qualifiable
Password protection	Protected access on different levels
User interface	Web-Browser (Mozilla recommended)
Readable number plates	Configuration, viewer, list definition and data bank inquiry with different filter possibilities Germany, France, Great Britain, Greece, Hungary, Ireland, Italy, Netherlands, Austria, Poland, Portugal, Spain, Switzerland, Turkey, (further like Scandinavia, Baltic countries, etc. on request)
Data base	Local or external in network
Data base playback	- Camera number, date, time, country code, recognized number plate, recognition probability Result of list comparison, link to picture, extracted number plate picture - With additional overview camera also overview picture (with picture data storage in databank on hard disk only app. 50 KB/record) - Picture data storage locally on hard disk
Actions after reading	- Appr. 100,000 records per analysis channel are kept in databank according to FIFO principle - Entry in databank, up to 5 HW contacts (traffic lights, barrier, door contacts, ...) audio signal (OnBoard buzzer); communication with other external Dallmeier products via DaVid protocol, accessing Dallmeier recorders for recording video sequences, PGuard alerts and XML.out data journal via network for superior applications
Languages	German, English, French

### Interfaces

LAN	1x Ethernet (10 / 100MBit), RJ45; (2 connections de-activated)
Contact IN	4x
Contact OUT	5x configurable relay contacts (500mA, 24V)
Serial	1x DSUB 9-pole (but not used)
Parallel	1x DSUB 25-pole (but not used)
USB	3x USB 2.0
VGA	1x DSUB 25-pole for VGA monitor
PS/2	2x mouse/keyboard

### Options

Backup	Backup of complete system/data bank via LAN: PView Station (optional) USB: hard disk with USB connection
Remote access	LAN, WEB Browser
Mounting kit 1	Yes
Mounting kit 2	Yes

### Other hardware details

Power supply (incl. admissible tolerance)	12V DC 4A
Power consumption	48 W
Dimensions	W 222 x H 88 x D 285 mm incl. BNC jacks, with housingfeet H 100mm
Temperature	+5° C to +40° C
Weight	5.8 kg (incl. packaging 6.2 kg)
Operating system	Windows XP
Device safety	Spurious signal emissions: limit class B according to EN 55022:1998, EN 61000-3-2, EN 61000-3-3; Interference resistance: Limit class B according to EN 55024:2002, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11
Approvals/certifications	UL (Canada and USA), C-TICK, FCC, CE, CB
Warranty	24 months
Accessories	DI-Detector NPR, optical Dallmeier-style USB mouse, manual, 1x24 pole WAGO interface strip, camera with LED infra-red illumination for 5,60/9/12,40m