

Implemented video recording systems (Status 26.2.2018) Version 2.14

- **Seetec (Settec5 / Cayuga) ***
- **Geovision (serial or via TCP/IP)**
- **Netavis**
- **Artec (Multieye)**
- **HeiTel (POS and ATM-mode)**
- **Milestone**
- **IDS iGuard**
- **ENEO(Videor)**
- **NextLevel ****
- **CamIQ***
- **Dallmeier (via UDP)**
- **GeviScope (Geutebrück)**
- **NUUO (general and ATM*- Mode)**
- **Truvision (UTC)**
- **Digivod**
- **C-MOR**
- **Avigilon**
- **Bosch BVMS**
- **Vectis iX (Vanderbilt/Siemens)**
- **Dahua**
- **Hikvision**

Next:

- **Vicon**
- **Mobotix**

***) Protocol has to be open in „Special“ directory!!!**

****): special CD necessary. Please ask for it by your request / order !**

Protocol-overview of NPCII (updated 26th Februar 2018)

The NPC has been adapted to many external devices where the converter has been field proven.

If your device/pos-systems is not listed, please call your dealer for assistance detailing brand and model of the device. In case of POS systems please specify brand/model of the pole display / receipt printer used or which can be supported by the cash register.

ATM: ##### AUTOMATED TELLER MACHINES #####

Because of their usage site especially in Germany and Austria ATM-Protocols are currently only in the German section available!!! For other protocols /application please ask your NORMA systems dealer!

IBM/Diebold with serial PBM-Protocol:

Original-Data up to 80 chars of 'Picture Text'	'pbmoriginal'
Version with variable positions Bankcode, Account, Amount	'pbm_var'
Application for „OSPlus SB“ and „APBLevel32/33“ (Finanz IT)	'pbm_FinanzIT'
Application for „Bank21“ (GAD)	'pbm_bank21'
Application VR-Banken of Fiducia	'pbm_fiducia'

SNI / WincorNixdorf :

ISAC23 (also ZSSB of FinanzIT)	'sni_isac'
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NCR:

All NCR-Data format("CasinoS-cash")	'NCR_all'
NCR-Data format Bank21 (GAD)	'NCR_bank21'

ACS : ##### ACCESS CONTROL SYSTEMS #####

Tesk -Portier60:	'Tesk'
Miniter / Cerberus (RS232/422-converter will be needed!)	'Miniter' **)
Bewator BC420/435	'Bewator'
KEBIN / Pasador	'Kebin'
Portachec	'Portachec'
Preiser	'Preiser'
EDS -card reader	'EDSreader'
InfoControl Z (Inform)	'Infocontrol'

General notes to each ACS-protocol are obtainable as document in the ACS directory.

**) Special information to the protocol is obtainable in the respective directory as separate document!

POS : ##### POINT OF SALE (Cash register)#####

The NPC emulates many models of cash register. In case of using the converter in connection with a pole display or journal printer set the NPC to the same model/protocol mode as for which the display/printer is configured or which can be supported by the cash register!

Petrol stations:

Huth -Kasse T400/T450/T500 also cash systems 'OMEGA' (Tokheim company) and T-Master (Bungalski)	'Huth' **)
Ratio Elektronik -cash register	'Ratio' **)
Hannemann -Kasse	'Hannemann' **)
DresserWayne - ISM-Nucleus 8 +9 also WINCOR NIXDORF „NAMOS“	'DrWay8+9' **)
Hectronic –cash register (Hector protocol)	'Hectronic' **)
Scheidt&Bachmann protocol 'Adapted video surveillance'	'Sch+Bach' **)
DosTask cash register (KT-series)	'DosTask' **)

Retail:

CASIO (TE7000/8000 bzw. QT-2100/6000-Serie)	'Casio_7000' **)
MICROS Fidelio (VSS 3700-series) via TCP/IP	'Micros3700' **)
AWEK (<u>C-POS cash-LX</u>) TCP/IP version	'Awek' **)
BIZERBA -scale system with TCP/IP video journal	‚Bizerba‘ **)
GK Software (<u>Video server application</u>) TCP/IP- version	'GKsoft' **)
PC-Cash via TCP/IP video service	‚PC-Cash‘ **)
TCPOS via TCP/IP- Version	'TCPOS' **)
PIXI -cash system with TCP/IP video journal	‚Pixi‘ **)
Lidis -cash systems with TCP/IP video journal	‚Lidis‘ **)

Printer emulations:

The NPC has to be set to the same model/protocol mode as for which the printer is configured or which can be supported by the cash register!

POS-General

'POSgeneral' **)

Displaying of up to 40 characters/line with special POS-settings by PC

EPSON TM 88/ EPSON TMall

'POS_TM88' **)

'POS_TMall'

Same functions as ,POSgeneral'. Additionally ESC-sequences for EPSON TM-88II/III, TM-U200 (**TM88**), or including status commands (e.g. slip printer TM-U950 with TEC-MA600) will be supported

NCR-Printer

'POS_PR_NCR' **)

In addition to the functions as ,POSgeneral' ESC-sequences for NCR receipt printer (7156, 7193, etc.) and compatible (**WNI** TH210/230; **AXIOHM** printers) will be supported

IBM-Printer

,IBM_ProPr' **)

,IBM_SmPr'

In addition to the functions as ,POSgeneral' ESC-sequences for IBM-printer series „**ProPrinter III**“ or „**SureMark**“ will be supported

STAR-Printer

,STARmode' **)

In addition to the functions as ,POSgeneral' ESC-sequences for **STAR linemode** printers (e.g. TSP200, SP2000 etc.) will be supported

CITIZEN-Printer

,CitizenCBM1' **)

,CitizenCBM2'

In addition to the functions as ,POSgeneral' ESC-sequences for CBM (Citizen printer; **CBM I and II**)-command mode (e.g. iDP 355x; iDP342x; CBM910/920)

**) Special information to the protocol is obtainable in the respective directory as separate document!

Pole displays emulations:

The NPC has to be set to the same model/protocol mode as for which the pole display is configured or which can be supported by the cash register!

VECTRON -cash register (pole display) (POS-Mini, POS-Micro, POS-Vario, Colour-Touch, Modular)	'Vectron_1x' **) 'Vectron_sc'
Samsung / Multidata –cash register models ER-380/420M,ER-600/650,ER-52xx	'Samsung_1x' **) 'Samsung_sc'
CD5220 (Partner Tech) pole display such as Bixolon BCD-1000 / Citizen C2202	'EPSCDpole1x ' **). 'EPSCDpoleSC'
EMAX emulation mode pole display such as IEE PDK-013	'EPSCDpole1x ' **) 'EPSCDpoleSC'
WINCOR NIXDORF pole display for e.g. BA63 and compatible	'WNIpole1x' **) 'WNIpoleSC'
NCR pole display with emulation “ NCR Retail –Display Commands”	'NCR_RTpole1x' **) 'NCR_RTpoleSC'
NCR pole display with emulation “ NCR RealPOS 21 Standard Mode”	'NCR_RPpole1x' **) 'NCR_RPpoleSC'
EPSON pole display (e.g. DM-D 110/210) and compatible displays with ESC/POS emulation e.g. using Sharp UP-X300/UP 8xx cash registers	'EPSCDpole1x ' **) 'EPSCDpoleSC'
ICD2002 (Puritron; Kalisch) pole display using ICD2002- or LD220 Emulation	'ICDpole1x' **) 'ICDpoleSC'
UTC emulation mode (standard/enhanced) such as for UltimateTechnology PD1200/1100	'UTCpole1x ' **) 'UTCpoleSC'
Logic Control emulation mode such as for PD3000/PD6000	'UTCpole1x ' **) 'UTCpoleSC'
NORITAKE emulation mode such as for PosiFlex 2100/2200	'Noritake1x ' **) 'NoritakeSC'
AEDEX emulation mode e.g. PSD220	'AEDEXpole1x ' **) 'AEDEXpoleSC'
JARLTECH emulation mode such as for Jarltech 8034/8003/8004 or Vectron C10	'Jarltech1x ' **) 'JarltechSC'
IEE emulation mode pole display such as for IEE PDK-211, PD8000	'IEEpole1x ' **) 'IEEpoleSC'
DSP800 emulationsmode such as for Gigatek DSP800-05, STAR SCD-400	'DSP800pole 1x **) 'DSP800pole SC'**)

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