



SNVR-31642E

4K/H.265 network video recorder, 16 Kanal
 16x PoE, bzw. Kanal 1-8 mit ePoE (ohne Festplatte)

PRODUCT DESCRIPTION

► Application:

This network recorder of the SNVR-series has an integrated PoE switch. You will have full flexibility thanks to remote control by using the Burg cam App or the CMS software. The SNVR-2812P is also able to support cameras with 4K/Ultra HD resolution (IP cameras with up to 12 mP (ULtra HD)). Camera updates can conveniently be made by using the USB port on the recorder. Newly added cameras are automatically detected when connected to the PoE port. This will reduce installation efforts. The recorder is P2P/Cloud capable (Burg Cam App and Burg Cam Pro App for iPhone, iPad and Android systems).

► Technical specifications:

Type	Network videorecorder
Decoding / Display / Performance	>>Decoding / Display / Performance<<
Compression (video)	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Compression (audio)	AAC, G.711, G.726
Max. resolution	12 MP (4000x3000)
More resolutions	8MP, 5MP, 3MP, 1080p, 720p, D1
Max. frame rate (fps)	30
Record rate max	320 Mbps
Bit Rate per channel	16Kbps - 20Mbps
IP video channels (active)	16
Decoding 4x view (max)	2x 12MP (20fps) or 4x 8MP (25/30fps)
Decoding 8x view (max)	8x 4MP (25/30 fps)
Decoding 16x view (max)	16x 2MP (25/30 fps)
Internal operating system	Embedded LINUX
Features	>>>>>>>>>FEATURES<<<<<<<<<<<
Motion detection	Yes, from camera

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► Technical specifications:

Camera occlusion detection	Yes, from camera
Lost signal detection	Yes
Intelligent Video Analysis (IVA)	Yes (depends on camera model)
Tripwire (IVA)	Yes (depends on camera model)
Missing/abandoned object detection	Yes (depends on camera model)
Foreign object detection	Yes (depends on camera model)
Face detect (IVA)	Yes (depends on camera model)
Audio detect (IVA)	Yes (depends on camera model)
People counting (IVA+)	Yes (depends on camera model)
Heatmap (IVA+)	Yes (depends on camera model)
Support license plate recognize	Yes (ANPR camera is needed)
Alarm recording (dig. input)	Yes
Motion recording	Yes
Manual recording	Yes
Permanent recording	Yes
Schedule recording	Yes
IVA recording	Yes
Pre-alarm recording	Ja, einstellbar bis zu 30 S.
Post-alarm recording	Yes, adjustable up to 300 s.
Digital output notification	Yes
Audio notification	Yes
CMS notification	Yes
E-mail notification	Yes
E-map notification	Yes over VMS
Monitor notification (Popup)	Yes
PTZ notification	Yes
Snapshot notification	Yes
Push-Notification	Yes via mobile App. (Pro version!)
Intelligent search criteria	Depends on camera
Watermark	Yes
Password protection	Yes
Log files	Yes
Internal RAID	Redundant recording
DVD-RW	No
Ventilation	Fan (temperature-controlled)
Live picture	Yes
Mega pixel camera support	Yes
4K camera support	Yes
POS support (cash system)	Yes
Two man rule	Yes
Delete images automatically	Yes
Interface	>>>>>>>>>INTERFACE<<<<<<<<<<<<
Audio inputs	1 x Cinch

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► Technical specifications:

Audio outputs	1 x Cinch
Alarm inputs	4
Alarm outputs	2
Relay type (output)	Subminiature Relay
Max. switching voltage	125VAC / 60VDC
Max. switching current	2A
Max. switching power	62,5VA / 30W
Max. HDD capacity	20 TB (2x 10 TB)
eSATA	No
Max. number of HDDs (internal)	2 x SATA III
External HDD possible	through USB
RS-232 interface	Yes
RS-422 interface	No
RS-485 interface	Yes
USB interface	1 xUSB 2.0, 1 x USB 3.0
USB ports	1 x Front, 1 x Backside
Monitor outputs	1x HDMI (UHD 3840x2160), 1x VGA (FullHD 1920x1080)
Spot monitor outputs	No
Number of supported monitors	2
Export interface	USB/network
Remote control	Yes
Network	>>>>>>>>>NETWORK<<<<<<<<<<<
Number of PoE ports	16
ePoE / Long-Range-PoE	Yes, on port 1-8
Number of Ethernet ports	16x PoE + 1xLAN
Ethernet connector	RJ-45
Ethernet speed	10 / 100 / 1000 Mbit
Ethernet standards	10/100/1000 Base-T
PoE standard	IEEE802.3at / IEEE802.3af
Power consumption to PoE standard IEEE802.3af	15,4 watt /channel
Power consumption to PoE standard IEEE802.3at	25,4 watt single port
Max. PoE Output Voltage (port)	max. 130 W
Remote	>>>>>>>>>REMOTE<<<<<<<<<<<
P2P support	Yes
Firmware upgrade	Network / USB / Cloud
Control panels (external)	Mouse, KSC-USB-NET
Supported OS	Windows 8, Windows 10
Supported browsers	Internet Explorer 11, Chrome, Firefox
Management of IP devices	Auto / manual
DynDNS support	Yes
UPNP support	Yes
SNMP support	Yes (version 3)

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► **Technical specifications:**

Time synchronisation	NTP protocol
DHCP support	Yes
Multicasting	Yes
FTP support	Yes
Supported protocols	HTTP,TCP,UDP, DHCP,SMTP,UPnP,NTP, IPv4, IPv6, RTSP
Supported software standards	ONVIF, CGI
Remote connections	Yes
Max. remote connections	128
User management	Yes
Menu languages	German, English
Access	Browser / Client SW / Mobile App / local interface
Supported software for remote access	Web PlugIn, BW-IP-CVI-VMS, Burg Cam App
Supported devices	iPhone, iPad, Android
Cloud service	Yes, BURG-WÄCHTER cloud
Preset positions	Depends on camera
PTZ control	Yes
PTZ protocols	PELCO-D, PELCO-P, SAMSUNG, SONY...
General	>>>>>>>>>>GENERAL<<<<<<<<<<<<
Housing colour	Black
Rack mount (U)	1
Noise emission (dB)	<50 (T_amb=-10-30°C)
Max. Power consumption (watt)	NVR: 15,2 (without HDD)
Voltage	100 - 240 V AC
Operating temperature (°C)	-10 to +55
Storage temperature (°C)	-20 to +70
Rel. humidity (%)	10 - 90, non-condensing
Dimensions WxHxD (mm)	375 x 53 x 327,5
Weight	2,7 kg (without HDD)
Identifier	CE, RoHS
Items included in delivery	power cord(EU+GB), remote control, PC-mouse,QIG
Items included in delivery	HDMI+LAN cabel, 2x SATA cable, HDD srews
Specials	Support 4K/UHD cameras,Two man rule

► **Note:**

Bei der Verwendung eines Digital Rekorders ist der Einsatz einer USV Anlage empfohlen. Dieser Rekorder wird ohne Festplatte ausgeliefert. In der Kategorie "Empfohlenes Zubehör" können Sie eine passende Festplatte wählen. Diese wird dann von unserem Serviceteam kostenfrei für Sie eingebaut.

► **Weitere Bilder:**

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► Recommended Accessories

HDD-1000HV	HDD for DVR/NVR, 1 TB SATA 24/7 tested
HDD-2000HV	HDD for DVR/NVR, 2 TB SATA 24/7 tested
HDD-4000HV	HDD for DVR/NVR, 4 TB SATA 24/7 tested
HDD-6000HV	HDD for DVR/NVR, 6TB SATA 24/7 tested
HDD-10000HV-AI	AI-HDD for DVR/NVR, 10TB SATA 24/7 tested
KSC-USB-NET	USB Keyboard for SCVR und SNVR recorders, analog. and IP domes
SNAEOC-1002-1T-GEN.2	SANTEC single-port-ethernet transmitter over coax cable
SNAEOC-1002	SANTEC passive ethernet over coax converter up to 1000m
SNAEOC-1002-1C-GEN.2	SANTEC single-port-ethernet receiver over coax cable
SNCA-RMT-610	19" Rack Mount Tray Rack Mount
HDMI-700-E	HDMI Extender Transmission via UTP up to 60m
BURGVMS	VMS for SANTEC BURG-WÄCHTER cameras and recorder
HDD-8000HV	HDD for DVR/NVR, 8TB SATA 24/7 tested
16925	Remote online support price per one hour support
KVM-HD150	Full HD HDMI extender, Cat5e up to 150m Übertragung per CAT5e/6 bis zu 150m