



## SNVR-23212P

4K/UHD network video recorder 32 ch  
32-chanel NVR with 16 port PoE (without HDD)

### 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-23212P 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
Number of PoE ports	16
IP video channels (active)	32
IP video channels (extendible)	No
Audio inputs	1 x Cinch
Audio outputs	1 x Cinch
Alarm inputs	4
Alarm outputs	2
Max. HDD capacity	12 TB (2 x 6 TB)
Max. number of HDDs (internal)	2 x SATA
External HDD possible	through USB
RS-232 interface	Yes
RS-422 interface	No
RS-485 interface	No
USB interface	1 xUSB 2.0, 1 x USB 3.0
USB ports	1 x Front, 1 x Backside

SANTEC BW AG  
An der Strusbek 31, 22926 Ahrensburg, Germany  
Tel.: +49 4102 4798 0, Fax: +49 4102 4798 10  
info@santec-video.com, www.santec-video.com



Our products undergo constant development. Please refer to the price list for our most up-to-date product program. Errors and omissions excluded. No responsibility accepted for accuracy of images.

► **Technical specifications:**

Ventilation	Fan
Monitor outputs	1 x VGA, 1 x HDMI
Spot monitor outputs	No
Number of supported monitors	1x HDMI, 1x VGA
Internal RAID	Yes
DVD-RW	No
Export interface	USB/network
Control panels (external)	Mouse, KSC-USB-NET
Remote control	No
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 (all ports in use)
Power consumption to PoE standard IEEE802.3at	25,4 watt single port
PoE Output Voltage	max. 120 W
Compression (video)	H.264 / H.265 / MJPEG / MPEG-4
Max. resolution	12 MP (4256x2848)
Max. frame rate (fps)	15 at 12 MP, 20 at 8 MP, 25 at 2-3 MP
Record rate max	320 Mbps
Alarm recording	Yes
Motion recording	Yes
Digital input recording	Yes
Manual recording	Yes
Permanent recording	Yes
Schedule recording	Yes
Live picture	Yes
Mega pixel camera support	Yes
4K camera support	Yes
Play back mode	1/4/6/9/10/13/16/25/36
Digital output notification	Yes
Audio notification	Yes
CMS notification	Yes
E-mail notification	Yes
E-map notification	Yes over VMS
Monitor notification	Yes
PTZ notification	Yes
Snapshot notification	Yes
Motion detection	Yes
Missing object detection	Yes
Foreign object detection	Yes

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► **Technical specifications:**

Camera occlusion detection	Yes
Lost signal detection	Yes
Intelligent Video Analysis (IVA)	Yes, from according device
Pre-alarm recording	Ja, einstellbar bis zu 30 S.
Post-alarm recording	Yes, adjustable up to 300 s.
Watermark	Yes
Counting application	No
Intelligent search	Yes
Intelligent search criteria	Depends on camera
Password protection	Yes
Log files	Yes
Supported OS	Windows 8, Windows 10
Management of IP devices	Auto / manual
DynDNS support	Yes
UPNP support	Yes
Preset positions	Depends on camera
PTZ control	Yes, via IP
Remote connections	Yes
Max. remote connections	128
User management	Yes
Time synchronisation	NTP protocol
DHCP support	Yes
Supported protocols	HTTP, TCP, UDP, DHCP, SMTP, UPnP, NTP, IPv4, IPv6, RTSP
Supported software standards	ONVIF, CGI
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
BURG-WÄCHTER cloud	Yes
Transmission speed (network)	max. 1000 Mbit/S.
Firmware upgrade	Network / USB
Housing colour	Black
Rack mount (U)	1
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 (without HDD)
Identifier	CE, RoHS
Items included in delivery	CD, software, user manual
Specials	Support 4K/UHD cameras

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**Note:**

Dieser Rekorder wird ohne Festplatte ausgeliefert. In der Kategorie "Empfohlenes Zubehör" können Sie eine passende Festplatte wählen.

► **Recommended Accessories**

HDD-2000HV	Harddisk for DVR/NVR, 2 TB SATA 24/7 tested
SLS-284K	28" monitor ultra HD/4K, HDMI display port, black/silver
HDD-4000HV	HDD for DVR/NVR, 4 TB SATA 24/7 tested
HDD-6000HV	Festplatte für DVR/NVR, 6TB SATA 24/7 getestet
BW-IP-CVI-VMS	SANTEC VMS software for SANTEC IP cameras and recorders
KSC-USB-NET	USB Keyboard for SCVR und SNVR recorders, analog. and IP domes
SNC-831DBIA	4K/Ultra HD IP bullet camera incl. Intelligent Video Analysis (IVA+)
SNC-831DDIA	4K/Ultra HD IP dome camera incl. Intelligent Video Analysis (IVA+)
SNC-831DFIF	4K/Ultra HD 360°fisheye-camera 1,57 mm lens, IR-LED, PoE
SNC-831DLNN	4K/Ultra HD IP box camera incl. Intelligent Video Analysis (IVA+)
SNC-431FBIF	SANTEC 4 MP mini IP bullet camera 3,6 mm fix lens, IR-LED, IP-66, PoE
SNC-431FDIF	SANTEC 4 MP Mini IP dome camera 2,8 mm fix lens, IR-LED, IP-66, PoE
SNC-431FEIF	SANTEC 4 MP Mini IP dome camera 3,6 mm fix lens, IR-LED, IP-67, PoE
SNC-431RBIA	SANTEC 4 MP IP bullet camera 2,7-12 mm 4x motor. lens IR-LED, IP-66, PoE
SNC-431RLNN	SANTEC 4 MP IP-Box camera C/S Mount, PoE, 12 V DC / 24 V AC, True WDR
SNC-241DBIA	IP 2 MP bullet camera mot. DC zoom lens 2,7-12mm
SNC-241DDIA	IP 2MP dome camera, mot. DC Zoom lens 2,7-12mm