SPVR-4421I

4K UHD H.265 Pentabrid Digital-Videorekorder
4 Kanal,HDCVI/AHD/TVI/Analog/IP (8CH),POS,IoT

PRODUCT DESCRIPTION

Application:

This pentabrid digital video recorder of the SPVR series is able to record video signals of HD-CVI, TVI, AHD cameras as well as analogue CVBS cameras - in real- time at 25 fps on every channel in full resolution up to 8MP(CVI), 5MP (AHD,TVI), 5MP(IP) resp. 960H in analogue mode. The recorder is also able to process images of max. 4 IP cameras in pentabrid mode or 8 in IP mode only. The recorder is network- capable and has manifold functions such as integrated motion detection, intelligent video analysis, camera signal detection or recording by schedule. Moreover, several recorders can be managed using an administration software. The recorder can remotely be accessed by the BURG CAM App.

Technical specifications:

Type	HD pentabrid digital video recorder
Decoding / Display / Performance	>>Decoding / Display / Performance<<
Video signal	HD-CVI, TVI, AHD, CVBS (analogue)
Compression (video)	H.265+ / H.265 / H.264+ / H.264
Compression (audio)	AAC(only for the 1st channel), G.711A, G.711U, PCM
Max. resolution IP camera	8 MP
Max. resolution CVI	4K/UHD/8MP, 6MP, 4MP
Max. resolution AHD, TVI	5 MP
Max. resolution CVBS	960H
Record rate max	32 Mbps
Decoding 4x view (max)	4x 8MP (15fps)
Decoding 16x view (max)	16x 2MP (25/30 fps)
Recording rate mainstream	4K(1-7 fps); 6MP(1-10 fps); 5MP(1-12 fps)
Recording rate mainstream	4MP/3MP(1-15 fps);4MN/1080P/720P/960H/D1(1-25 fps)

BURG-GUARD GmbH
Wormgermühle, 58540 Meinerzhagen, Germany
Tel.: +49 2358 905 490, Fax: +49 2358 905 499
BURG-GUARD@burg.biz, www.burg-guard.com

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Technical specifications:

Recording rate substream	960H(1-15 fps); D1/CIF(1-25/30 fps)
Max. resolution monitor output	3840x2160 (HDMI) ; 1920x1080 (VGA)
Internal operating system	Embedded LINUX
Features	>>>>>>>>>>FEATURES<<<<<<<<<<
Motion detection	Yes
Camera occlusion detection	Yes, from camera
Lost signal detection	Yes
Intelligent Video Analysis (IVA)	Yes, 1 channel in CVI, AHD, TVI, CVBS mode
Tripwire (IVA)	Yes
Missing/abandoned object detection	Yes
Foreign object detection	Yes
Face detect (IVA)	Yes, on channel 1
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!)
Privacy zones	Yes, 4 zones
Intelligent search criteria	date/time, camra, alarm, motion,IVA,POS
Watermark	Yes
Password protection	Yes
Log files	Yes
Internal RAID	No
DVD-RW	No
Ventilation	Fan (temperature-controlled)
Live picture	Yes
Mega pixel camera support	Yes
4K camera support	Yes
Split mode	1 /4
Dsiplay split	1/4
POS support (cash system)	Yes

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Technical specifications:

Two man rule	Yes
Delete images automatically	Yes
IoT (Internet of Things) support	Yes
Dewarping	Web plug in only
Interface	>>>>>>>>>INTERFACE<<<<<<<<<
Video inputs	4 Channel (BNC)
Video outputs	No
IP video channels (extendible)	+4 (4x BNC+ 4x IP)
Max. IP channels	8 (without BNC inputs)
Audio inputs	4 x Cinch
Audio outputs	1 x Cinch
Alarm inputs	4
Alarm outputs	3
Relay type (output)	Subminiature Relay
Max. switching voltage	125VAC / 60VDC
Max. switching current	2A
Max. switching power	62,5VA / 30W
Max. HDD capacity	10 TB
eSATA	No
Max. number of HDDs (internal)	1 x SATA III
External HDD possible	through USB
RS-232 interface	No
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	HDMI (max. 2560x1440) ; VGA (max. 1920x1080)
Spot monitor outputs	Yes, VGA or HDMI
Number of supported monitors	2
Split mode spotmonitor	Yes
Export interface	USB/network
Remote control	Yes
Network	>>>>>>>>>>NETWORK<<<<<<<<<<
Number of PoE ports	0
Number of Ethernet ports	1
Ethernet connector	RJ-45
Ethernet speed	10 / 100 / 1000 Mbit
Ethernet standards	10/100/1000 Base-T
PoE standard	-
Remote	>>>>>>>>>>REMOTE<<<<<<<<<<
P2P support	Yes
Firmware upgrade	Network / USB / Cloud
Control panels (external)	Mouse, KSC-USB-NET
Supported OS	Windows 8, Windows 10

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Technical specifications:

Supported browsers	MS Internet Explorer version 11
Management of IP devices	Yes
DynDNS support	Yes
UPNP support	Yes
SNMP support	Yes (version 3)
Time syncronisation	NTP protocol
DHCP support	Yes (server only)
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 (without HDD)
Voltage	12 V DC using external power supply 230VAC/2A
Operating temperature (°C)	-10 to +55
Storage temperature (°C)	-20 to +70
Rel. humidity (%)	10 - 90, non-condensing
Dimensions WxHxD (mm)	325 x 255 x 55
Weight	1,3 Kg (without HDD)
Identifier	CE, RoHS
Items included in delivery	power cord(EU), remote control, PC-mouse,QIG
Items included in delivery	LAN cabel, 2x SATA cable, HDD srews
Specials	Support 4K/UHD CVI cameras

Note:

It is recommended to use a USV system.

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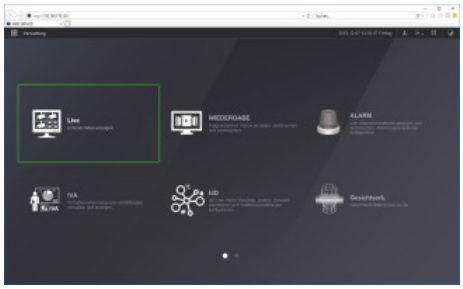
Weitere Bilder:



Recommended Accessories

KOAX-0.6/100	Coaxl cable 0.6/3.7, 75 Ohm for indoor usage, 100 m ring
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-8000HV	HDD for DVR/NVR, 8TB SATA 24/7 tested
KSC-USB-NET	USB Keyboard for SCVR und SNVR recorders, analog. and IP domes
SNCA-RMT-610	19" Rack Mount Tray Rack Mount
BURGVMS	VMS for SANTEC BURG-WÄCHTER cameras and recorder

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