



OPTIPLUS
n e t w o r k s

NVR

OP-NVR-8124P 24CH NETWORK NVR

Feature:

- With H.264 High efficiency Video Compression
- Support 1ch playback
- With unique time screen in front of the panel, and displays recorder.
- Support Windows Mobile, iPhone, Android, Blackberry and so on.
- Support 4*HDD (3TB), with 2*USB2.0 for backup, burning, upgrading operation
- Stronger network service. Support IE browse and CMS software
- With HDMI, Support 1080P the high-definition (1920 * 1080P)
- With ONVIF protocol, can connect the ONVIF IP camera directly, also can by IE and CMS.
- Support P2P cloud functions



Absolute Maximum Ratings:

	Model	OPTiS
	Screen display	1/4/8/9/16
	Video standard	PAL (625TVL, 50 Fields / sec. ; NTSC (525TVL, 60 Fields / sec.)
Video	Video quality	Monitor:D1; VGA:HD ; HDMI:HD
	Coding capacity	1080P/720P/960H/D1/HD1/CIF/QCIF
	Digital input	24*1080P
	Motion Detection	Each screen can be set to 192 (16 × 12) detection area; multi-level sensitivity can be set
Video playback	Video mode	Manual> Alarm> Motion detection> timing
	Local Playback	Single
	Video inquiry	Point-in-time retrieval, calendar search, event search, channel search
Storage backup	Space/ 24hours	CIF: 5G / channel D1: 20G / channel 720P: 40G /channel 1080P: 80 G/ channel
	Video save	HDD. Network
	Backup mode	Network backup, USB mobile HDD, USB Burner, DVD CD burning
Interface	Video input	No
	Video output	1ch BNC output, 1ch SPOT output, 1ch VGA output, 1ch HDMI output (1920*1080P)
	Audio input	1ch RCA
	Audio output	1ch RCA audio output
	Alarm input	16ch Alarm input
	Alarm output	4ch alarm output
	Network interface	RJ45 10M/100M/1000M

	PTZ control	One RS485 ptz control interface
	USB interface	2*USB interface
	HDD	4 SATA (3TB)
Others	Power supply	12V/8A External power supply, POE Support

OP-NVR-8208PL 8CH NETWORK NVR

Feature:

- With H.264 High efficiency Video Compression
- Support 1ch playback
- With unique time screen in front of the panel, and displays recorder.
- Support Windows Mobile, iPhone, Android, Blackberry and so on.
- Support 2*HDD(3TB), With 2*USB2.0 for backup, burning, upgrading operation
- Stronger network service. support IE browse and CMS software
- With HDMI, Support 1080P the high-definition (1920 * 1080P)
- With ONVIF protocol, can connect the ONVIF IP camera directly, also can by IE and CMS.
- Support P2P cloud functions



Absolute Maximum Ratings:

	Model	OPTiS
	Screen display	1/8
	Video standard	PAL (625TVL, 50 Fields / sec. ; NTSC (525TVL, 60 Fields / sec.)
Video	Video quality	Monitor:D1; VGA:HD ; HDMI:HD
	Coding capacity	1080P/720P/960H/D1/HD1/CIF/QCIF
	Digital input	8*1080P
	Motion Detection	Each screen can be set to 192 (16 × 12) detection area; multi-level sensitivity can be set
Video playback	Video mode	Manual> Alarm> Motion detection> timing
	Local Playback	Single
	Video inquiry	Point-in-time retrieval, calendar search, event search, channel search
Storage backup	Space/ 24hours	CIF: 5G / channel D1: 20G / channel 720P: 40G /channel 1080P: 80 G/ channel
	Video save	HDD. Network
	Backup mode	Network backup、 USB mobile HDD、 USB Burner, DVD CD burning
Interface	Video input	No
	Video output	1ch BNC output, 1ch SPOT output, 1ch VGA output, 1ch HDMI output (1920*1080P)
	Audio input	1ch RCA
	Audio output	1ch RCA audio output
	Alarm input	NO
	Alarm output	NO
	Network interface	RJ45 10M/100M/1000M

	PTZ control	One RS485 ptz control interface
	USB interface	2*USB interface
	HDD	2 SATA (3TB)
Others	Power supply	12V/4A, POE Support

4CH NETWORK NVR

Feature:

- Support 4CH 1080P@15fps or 4CH 1080P@30fps or 4CH 720P@30fps IP input
- Intuitive and user-friendly Graphic User Interface(GUI), Windows style, operation by mouse
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Multi-mode recording: manual, timer, motion, sensor
- Playback: 4CH simultaneous playback
- Search: time/calendar,events (alarm, motion)
- Express and flexible backup via USB, network or DVD-RW(Sata)
- Pentaplex: live, record, playback, backup and remote operation
- Dual stream technology to encode recording stream and network stream respectively. User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- HDMI 1080P output
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting Windows phone, iPhone, Blackberry. Compatible with 3G
- Complete SDK function, easy to integrate with other applications
- Edit audio and video functions like masking objects (hiding objects), choosing day and time from recorded events, adding legends, choosing audio and video quality (128K~2Mbps, frames quantity, brightness, color, etc.), cutting files (choosing especial events - audio and video)



Specifications :

	Model	OPTiS
SYSTEM	Compression	Monitor:D1; VGA:HD ; HDMI:HD
	CPU	1080P/720P/960H/D1/HD1/CIF/QCIF
	OS	24*1080P
VIDEO	Output	BNC*1
		VGA*1:1080P(1920*1080)
		HDMI*1:1080P(1920*1080)
IP INPUT	1080P	4CH@30fps
		4CH@15fps
	720P	4CH@30fps
	D1	4CH@30fps
AUDIO	Input	No
	Output	RCA*1
	2-way audio	RCA*1

RECORD	Resolution	1080P(1920*1080)/720P(1280*720)/D1(704*576)
	Frame rate (fps)	1~25fps/CH(PAL) 1~30fps/CH(NTSC)
	Bit Rate	2M~12Mbps
	Encode	VBR/CBR
	Quality	6 level
	Mode	Manual, Timer, Motion, Sensor
	File manage	Lock, unlock, reserving time,
PLAY	Playback	4CH
	Search	Time/Calendar search, event(motion, sensor)
	Function	Play, Pause, FF, FB; Digital zoom
ALARM	Mode	Sensor, Motion, Video Loss
	Input	4CH
	Output	1CH
	Triggering	Record, PTZ move, Relay out, e-mail, etc
NETWORK	Interface	RJ45 *1
	Protocol	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS
	Others	18users online, dual stream
CELL PHONE	OS	iPhone, Blackberry, Andriod, Windows phone
	Function	Multi-channel display, server list, recording, PTZ, etc.
PORT	HDD	SATAx 2,
	RS485	RS485*1, support PTZ and Keyboard
	USB	USB2.0 x 2, one for mouse, another for USB backup device
	Remote controller	Yes
OTHERS	Power supply	DC12V
	Dimensions	430mm *300mm *55mm (W*D* H)
	Working Environment	0~50°C, 10%~90% (Humidity)