



16 Channel H.264 Hybrid DVR Quick Guide



A. SPECIFICATION

MODEL	NEXXA16
VIDEO	
MODE	Multiplex
LIVE-TIME RESOLUTION	720 x 480 (NTSC) 720 x 576 (PAL)
LIVE-TIME DISPLAY RATE	16 x 30 Frame / Sec (NTSC) 16 x 25 Frame / Sec (PAL)
IPCAM RESOLUTION	Up to 1920 x 1080 (2 M-pixel)
IPCAM FRAME RATE	Up to 30 FPS @ NTSC per CH
SPLIT SCREEN	1, 4, 9, 16
VIDEO INPUT	BNC x 8
VIDEO LOOP OUTPUT	BNC x 8
VIDEO OUTPUT (VGA)	Yes
VIDEO OUTPUT (HDMI)	Yes
AUDIO	
AUDIO INPUT	RCA x 4
AUDIO OUTPUT	RCA x 1
AUDIO BACKUP	Yes
AUDIO STREAMING	Yes
RECORDING	
COMPRESSION TYPE	H.264
RECORDING RESOLUTION (D1)	720 x 480 (NTSC) / 720 x 576 (PAL)
RECORDING RESOLUTION (Half D1)	720 x 240 (NTSC) / 720 x 288 (PAL)
RECORDING RESOLUTION (CIF)	360 x 240 (NTSC) / 360 x 288 (PAL)
RECORDING RATE (D1)	720 x 480 up to 120 PPS (NTSC) 720 x 576 up to 100 PPS (PAL)
RECORDING RATE (Half D1)	720 x 240 up to 240 PPS (NTSC) 720 x 288 up to 200 PPS (PAL)
RECORDING RATE (CIF)	360 x 240 up to 240 PPS (NTSC) 360 x 288 up to 200 PPS (PAL)
IPCAM RECORDING RATE	Up to 30 FPS @ NTSC per CH
RECORDING MODE	Manual / Schedule / Alarm
PLAYBACK & SEARCH	
PLAYBACK SPEED	Fast Forward X 2 x4 X 8 X 16 X32 Fast Backward X 2 x4 X 8 Picture by Picture Playback Pause
TIME SEARCH	Yes

EVENT SEARCH	Yes
EVENT LIST	10000 records per H.D.D (Maximum)
OSD & CONTROL INTERFACE	
TITLE	8 Characters
ON SCREEN DISPLAY & SETUP	Time / Date / Setup Menu
GRAPHIC USER INTERFACE (GUI)	Yes
DVR CONTROL PANEL	Yes
MOUSE	Yes
IR REMOTE CONTROLLER	Yes
SUPPORT IE 、FIREFOX & SAFARI	Yes
PLAYER	Yes
STORAGE & BACKUP DEVICE	
INTERNAL HDD SUPPORT	SATA HDD x 4
EXTERNAL USB BACKUP DEVICE (PAN DRIVE, HDD, BURNER)	Yes
INTERNAL DVD BURNER BACKUP	No
NETWORK	
ETHERNET	Yes (1G)
ETHERNET COMPRESSION FORMAT	H.264
IE REMOTE CONTROL	Yes
DDNS	Yes
E-MAIL & FTP	Yes
NETWORK IP	Static/ DHCP/ PPPoE/DDNS
MULTI-REMOTE CLIENT	Yes (4 Clients at the same time available)
ALARM	
ALARM INPUT	16 In
ALARM OUTPUT	2 Out (NO/ NC)
MOTION DETECTION	Yes
MOTION DETECTION SENSITIVITY	1~10
VIDEO LOSS DETECTION	Yes
ALARM RECORDING	Yes
BUZZER	Yes
SETUP & OTHER FUNCTIONS	
DST	Yes
EACH CHANNEL BACKUP	Yes
WATER MARK	Yes

PRIVACY MASK	Yes
PTZ CONTROL	Yes
RS-485	Yes
DIGITAL ZOOM	Yes
PASSWORD CONTROL	Two levels, one for system and the other for HDD format
KEY-LOCK	Yes
MULTI-LANGUAGE	Yes
FIRMWARE UPDATE	USB Host & Update on line
OTHERS	
POWER INPUT	AC 100V~240V
DIMENSIONS (W x H x D)	430mm (W) x 88mm (H) x 382mm (D)
OPERATION TEMPERATURE	0 - 45 °C

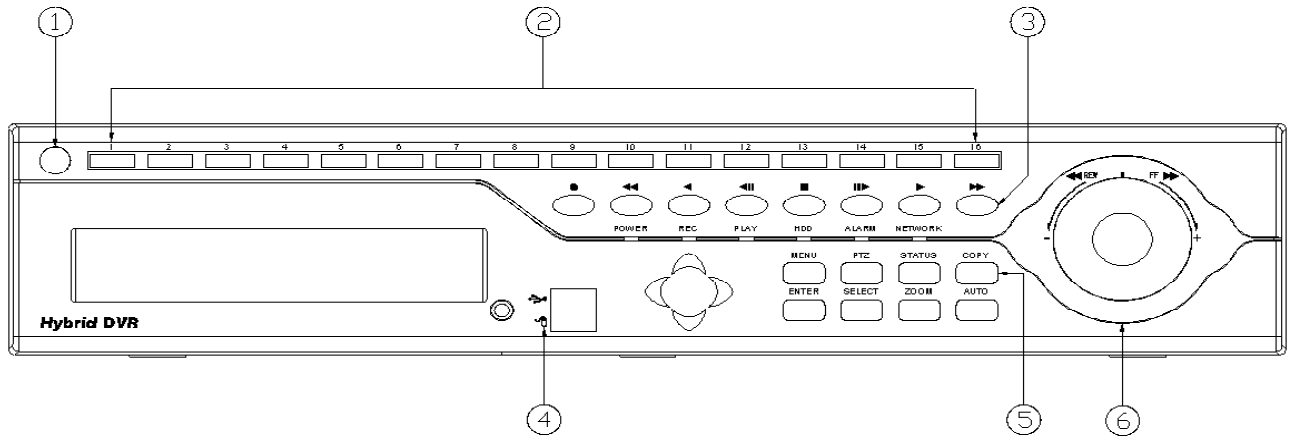
*** SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE**

B. PACKAGE CONTENT

NO.	ITEM	AMOUNT
1	NVR	X1
2	Power Cable	X1
3	Adaptor	X1
4	CD Disk	X1
5	Screw Package	X2
6	Quick Guide	X1
7	Mouse	X1
8	Remote Controller	X1



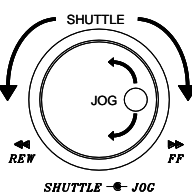
C. HARDWARE OVERVIEW

FRONT PANEL

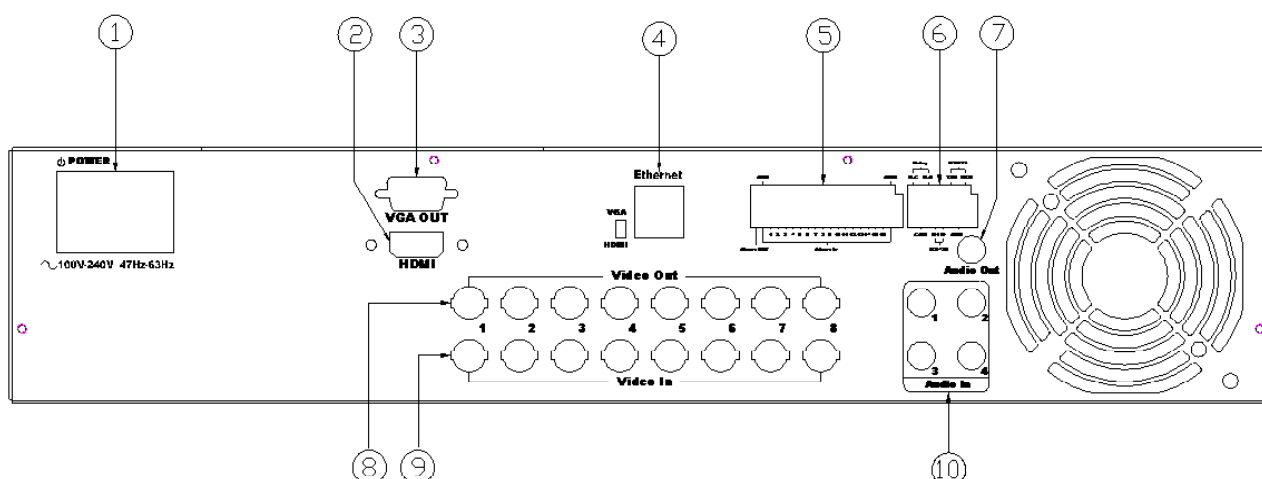


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HYBRID DVR OPERATION

NO.	LABEL	OPERATION	PTZ
1		IR Sensor For Remote Control.	
2	1-16	Press The Button To Display No.1~No.16	
3	CONTROL PANEL	Record, Playback And Control Button.	
4		USB Mouse Connector	
5	FUNCTION KEYS	Menu, ptz, hard disk status, Copy, Enter, Select, Zoom, Auto keys.	
6	SHUTTLE & JOG	 <p>Shuttle: Fast Forward x2 x4 x8 Fast Backward x2 x4 x8</p> <p>Jog: Picture By Picture Playback</p>	


BACK PANEL






NO.	LABEL	OPERATION
1	POWER	Power switcher: AC100V~AC240V / 47-63Hz input.
2	VIDEO OUT (HDMI)	HDMI connector
3	VIDEO OUT (VGA)	D-SUB connector. Connect to LCD monitor.
4	ETHERNET	RJ-45 connector for network.
5	ALARM	16 pin alarm input connector/ 2 pin GND connector/ 1 pin alarm reset.
6	RS-232/ RS-485/ RELAY OUT	2 pin RS-232 connector, 1pin GND connector/ 2 pin RS-485/ 2 pin Relay connector, 1 pin COM connector
7	AUDIO OUT	Audio output.
8	VIDEO LOOP OUTPUT	Video loop output with BNC connector.
9	VIDEO INPUT	Video input with BNC connector.
10	AUDIO IN	Audio input x 4.

D. QUICK OPERATION


D-1. SETUP




Click  in the right column of the live view to call out the control panel for setup.

D-2. RECORD

Press REC button  in the right column of the live view to start recording immediately. Click  and enter the record setting  to perform record setup.

D-3. PLAYBACK

Click  in the right column of the live view to call out the control panel for playback and backup.

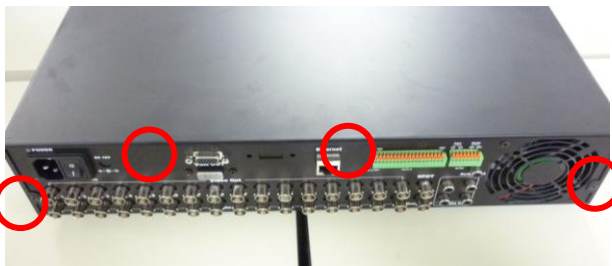

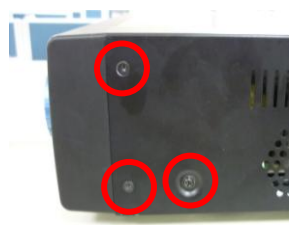
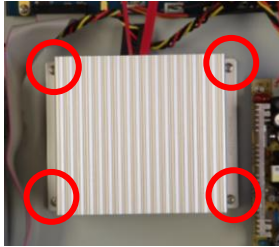
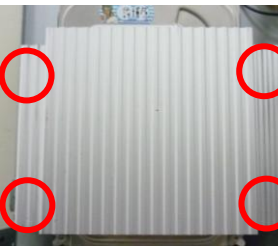




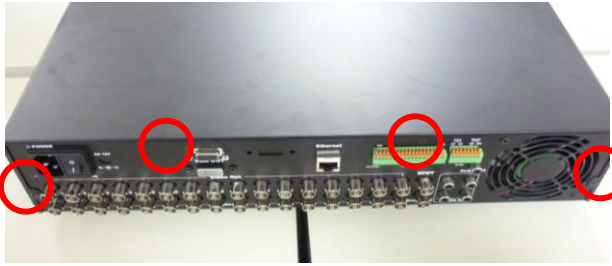
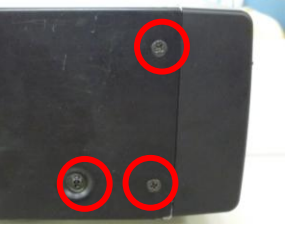
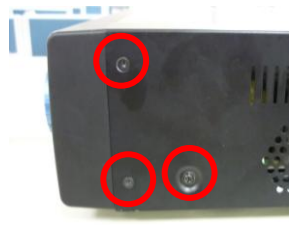
-  **PLAY TIME SEARCH:** Double click left button of the mouse and set start and end time to perform play time search.
-  **EVENT SEARCH:** Double click left button of the mouse to trigger event search. Moreover, use TYPE and CHANNEL two options to perform the advanced search.
-  **BACKUP:** Insert USB device into a USB port of the NVR. Then select the start and end time and click **Backup Now** to start backup.

NOTE: 1. Make sure the selected backup time is among record time.

2. For more detailed operation information, please see the attached User Manual carefully.

E. HDD QUICK INSTALLATION

* For detailed Hard Disk Compatible Table, please refers to the attached User Manual.

1	Loose 4 screws on the back and 6 screws on two sides to remove DVR cover.		 
2	Remove the 4 fixed screws of the HDD holder; in addition, to loose the screws of another HDD holder if necessary.	3	Insert HDD(s) and tight up the screws on two HDD holders.
	 		
4	Connect the power and data cable (s).		
	 	Single HDD: Use any socket Twin or more HDD(s): Can be used in any socket. The HDD(s) priority can be defined as the second image of left hand side column.	
5	Refit the HDD holder back and screw it tightly		
			
6	Refit the top cover and screw all the screws back.		
			

F. NOTIFICATION

Important

Warning: Before Installation (Don't void your warranty)

Power off the DVR if it is found smoking or smells unusual.

Keep the DVR away from the water. If the DVR is wet, unplug it.



Contact your distributor when such cases happen.



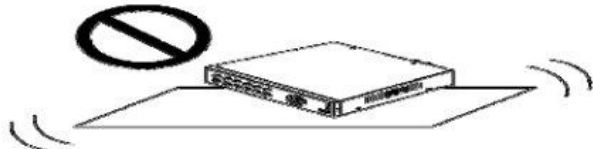
Contact your distributor when such cases happen.

Do not place the DVR around a heat source, such as television or oven.

Do not place the DVR on an unsteady surface.



Refer to your user's manual for the proper operating temperature.

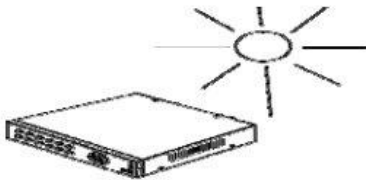


Do not place the DVR in high humidity environments.



Keep the DVR away from direct sunlight or direct heat.

Do not touch the DVR when lightning is present.



Do not disassemble the DVR.

Do not drop the DVR



Do not insert any object into the DVR, such as a needle.



Failing to abide these rules can automatically void your warranty and holds our company harmless from damages, injury, or death. Be safe.