

# RF CONCEPTS LTD HA-1621



## Features

- Direct Playback from PC with HDDs Linked
- Remote Backup on Event Recording
- Video File sent along with Email Alert
- SATA II Compatible HDD
- Intelligent 3G/GPRS mobile surveillance on all operating systems
- Support smart search function for faster and easier playback retrieval
- Picture-in-Picture Display & Channel Screen Popup on Motion/Sensor
- Optional 1-to-4 remote controller for access up to 4 DVRs with one single remote controller
- Role-based Multiple network Users Access to Exclusive Channel View & Operation
- With 750G HDD storage, the recording length up to 1500hours with full recording speed without missing any important display images
- Provide disk array option with mirror functionality to provide additional storage archival without missing any display images
- Provide Graphical User Interface(GUI) and mouse access for easier and user friendly configuration and operation



## Specifications

Video			
Mode	Pentaplex (Live, Record, Playback, Backup, and Network)		
Video Input	BNCx16 1.0 Vp-p±10% Composite, 75 Balanced		
Video Output	Main Monitor	BNCx1 2Vp-p Composite, 75 Balanced	
	CALL Monitor	BNCx1	
	VGA	VGAx1, 1024x768 pixels	
Audio			
Audio Input	RCAx4		
Audio Output	RCAx1		
Audio Backup	YES		
Audio Compression	G.711		
Display			
Image System	NTSC	PAL	
Display Resolution & Rate (D1)	480fps (720x480)	400fps (720x576)	
Split Screen	1/4/9/13/16/SEQ		
Mode	Digital Zoomx2, PIP, Auto SEQ		
Recording			
Compression Type	H.264 (Internet Transmission: H.264)		
Recording Resolution & Rate	D1	up to 60fps (720x480)	up to 50fps (720x576)
	Half D1	up to 120fps (720x240)	up to 100fps (720x288)
	CIF	up to 240fps (352x240)	up to 200fps (352x288)
Image Quality	5 Levels (Highest, High, Normal, Low, Lowest)		
Recording Mode	Normal, Event (Motion, Alarm), Schedule, Holiday		
Playback			
Screen Display	1, 4, 9, 16		
Playback Resolution & Rate	D1	up to 30fps (720x480)	up to 25fps (720x576)
	Half D1	up to 60fps (720x240)	up to 50fps (720x288)
	CIF	up to 120fps (352x240)	up to 100fps (352x288)
Playback Speed	Normal, REW, FF (2x, 8x, 32x, 64x), Pause		
Search Method	Time, Event		

## Specifications

<b>Storage &amp; Backup Device</b>	
Internal HDD Support (SATA/SATAII)	Support up to 2 internal HDDs
External SATA	YES for RAID
Network	Remote Backup
USB Backup	1 at Front Panel
<b>OSD &amp; DVR Control</b>	
GUI	YES
Multi Language	12 (English, French, German, Greek, Japanese, Italian, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese)
USB Mouse	YES
IR Remote Control	YES & 1-to-4 Remote Control (Optional)
DVR Control Panel	YES (Option)
Remote Software	Licensed Software Application, IE Browser & CMS
Touch Panel	Supports USB Touch Panel
<b>Alarm</b>	
Ethernet	1 RJ45, 10/100 Mbps
Network Service	TCP/IP, SMTP, HTTP, DHCP, ADSL, LAN, DDNS
Multi-Remote Client	YES (5 Clients Accessible)
3G/GPRS	Supports Windows Mobile 5.0/6.0, Symbian
<b>Communication</b>	
Sensor Input	16 In (NO/NC)
Alarm Output	1 Relay Out (NO/NC)
Motion Detection	YES (16x12 Grids per Camera for All Channels)
Motion Detection Sensitivity	1~15
Video Loss Detection	YES
Pre-alarm Recording	16MB (10 sec)
Post-alarm Recording	1-999 sec
Buzzer	YES
Remote Alarm Notification	J-PEG File sent by e-mail; Message Notified by MSN & 3G Mobile Phone
<b>Setup &amp; Other Functions</b>	
PTZ Control	Supports PELCO-D, PELCO-P, KND, Li-Lin, LG, Samsung, AV Tech
RS-485	YES
Key-lock	YES
Firmware Upgrade	via USB
<b>Others</b>	
OS	Embedded Linux
Power Input	External Adaptor, AC100-240V/in, DC 12V(5A/60W)
Dimension	430x312x48.5(mm)
Weight	3.6kg
Operation Temperature	5C~ + 40C
Humidity	Less than 90%
Recovery	Watchdog