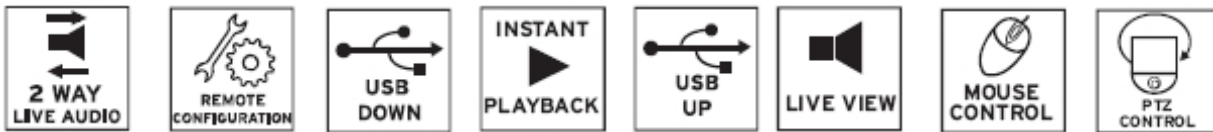


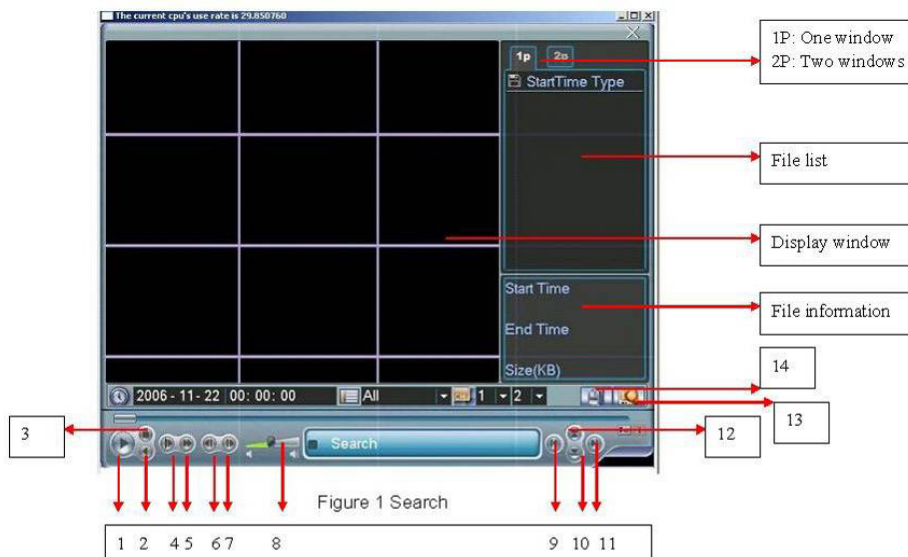
# Apollo DVR

4/8/16 Channels, 4CIF Recording, 25fps up to 4 Terrabytes of Storage

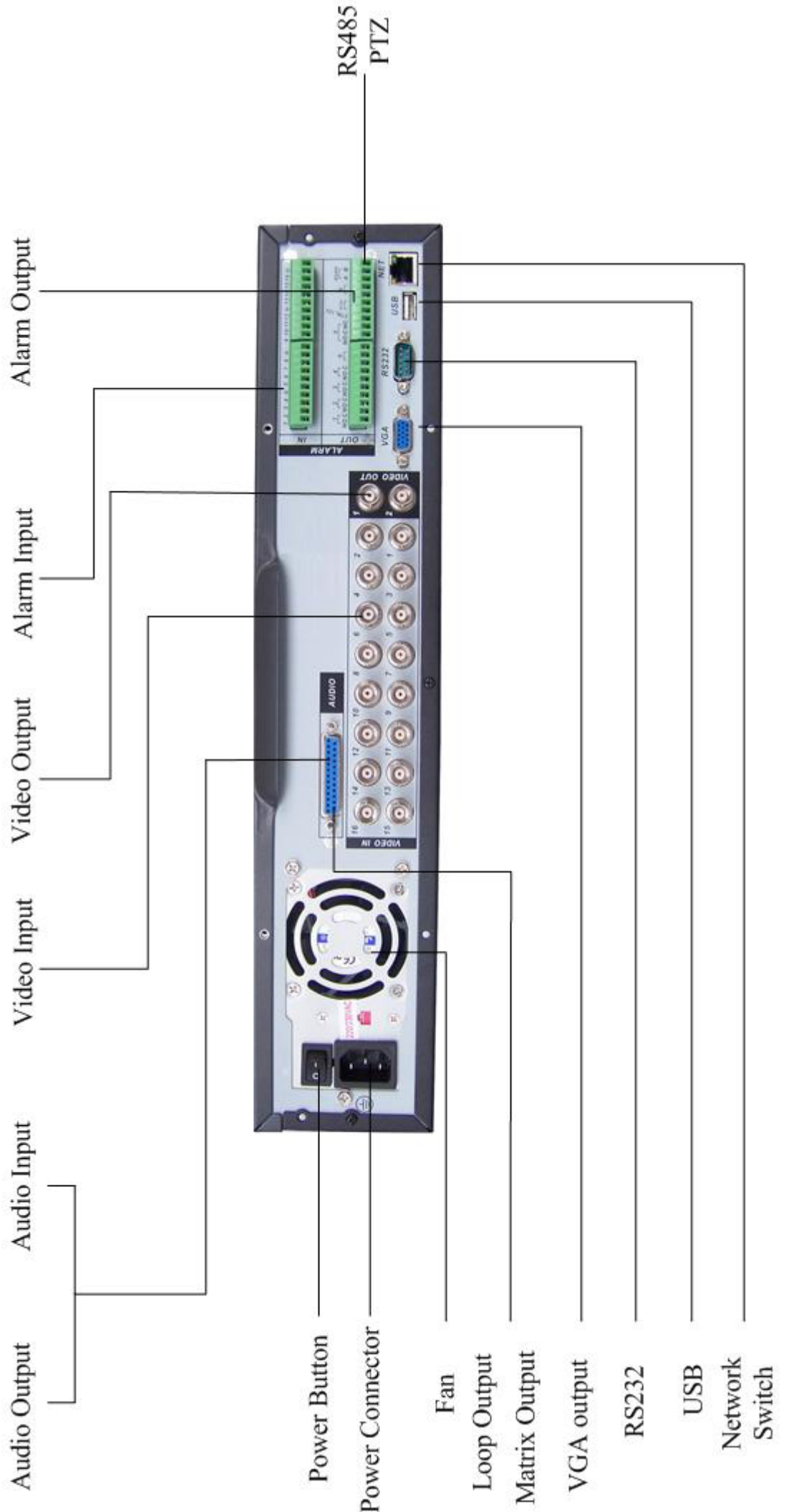


- » H.264 compression algorithm ideal for standalone DVR
- » Real-time live display up to 4 cameras, 400/480fps recording for 2CIF
- » 2 Channel playback simultaneously and SATA port supported
- » Pentaplex function: live, recording, playback, backup and remote access
- » Multiple control methods: front panel, IR remote controller, Apollo keyboard, USB mouse
- » Smart video detection: motion detection, camera blank, video loss
- » Smart camera settings: privacy masking, camera lock, colour setting and title display
- » Pan, Tilt, Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, pattern, auxiliary function..
- » Easy Back Up Methods: USB Devices, CD-RW/DVD-RW & Network Download
- » Alarm triggering screen tips, buzzer, PTZ preset, matrix output, email and FTP upload
- » Smart HDD's Management: Non-working hibernation, HDD Faulty alarm, RAID Function
- » Powerful network software: built in web server, multi-- DVR client & CMS. Networking access for remote live viewing, recording, playback, setting, system status, event log, e-mail and FTP function

## Apollo Search Screen



Overview of Rear Panel



System Specification	
Main Processor	High performance embedded micro-processor
Operating System	Embedded LINUX
System Resources	Pentaplex function
User Interface	GUI, On-Screen Menu Tips
Control Device	Front panel, USB Mouse, IR remote control, network keyboard
Input Method	Numeral / Character / Denotation
System Status	HDD status, data stream statistics, log record, BIOS version, online user etc
Video Input	4, 8 or 16 Channel, 1.0Vp-p 75Ohms
Video Output	2 Channels, TV Output BNC, 1.0Vp-p 75 Ohms 1 x VGA
Video Standards	PAL (625line, 50fps) NTSC (525line, 60fps)
Video Compression	H.264
Video Resolution	D1 (4CIF) 704*576
Video Recording	D1 (4CIF) 1f/s - 25f/s
Video Display Split	Full and Multiple Screen Display, 1/4/8/9/16
Tour Display	Support
Image Quality	1-6 (Level 6 being the best)
Privacy Masking	Self-defined four sided zone for privacy masking for each camera
Camera Lock	Camera locked for users
Camera Adjustments	Adjust colour according to different time period
Video Information	Camera title, time, video loss, camera lock, motion detection, recording
TV Output Adjustment	Adjust TV output colour and display zone
Motion Detection	Zone: 396 (22*18) detection zones Sensitivity: 1-6 (Level 6 being the best) Trigger Recording: PTZ Movement, Tour, Alarm, Email and FTP
Video Loss / Camera Blank	Trigger Recording: PTZ Movement, Tour, Alarm, Email and FTP
Alarm Input	16/16/16 Channel, programmable, ground, manual, open/closed Trigger Recording: PTZ Movement, Tour, Alarm, Email and FTP
Relay Output	6/6/6 Channel, 30VDC, 1A, NO/NC, form-C
Hard Disk	8 SATA port , 8 HDDs Supported
Space Occupation	Video: 56 ~ 800MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm and raid (redundancy)
Recording Mode	Manual, continuous, video detection (inc motion detection, camera blank, video loss) alarm
Recording Priority	Manual > Alarm > Video Detection > Continuous
Recording Interval	1 to 120 Minutes (default 60 mins)
Overwrite Mode	Support
Raid Function	Support
Search Mode	Time/Date, Alarm, Motion Detection, Exact Search (accurate to the second)
Playback	2 Channel playback simultaneously, play, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Digital Zoom	Selected zone can zoom into full screen during playback
Back Up Mode	Flash Stick, USB HDD, Network Download, Built In SATA DVD Burner
Network Interface	RJ45 port (10/100M)
Network Functions	TCP/IP DHCP/DDNS/PPPoE/E-mail/FTP/IP Filter (time server)
Web	Licensed ActiveX Component, Microsoft Internet Explorer
Remote Operation	Monitor, PTZ Control, Playback, System Setting, File Download, Log Information
USB Interface	USB2.0, 2 ports, 1 for mouse control, 1 for back up
RS485	PTZ Control
Power Supply	220V 50Hz / 110V 60Hz
Power Consumption	25W / 30W / 40W
Working Temperature	-10°C - +55°C
Working Humidity	10% - 90%
Atmosphere Pressure	86kpa - 106kpa
Dimensions	2U, 440mm x 460mm x 89mm (W*D*H)

