



ZR-DH921NP ZR-DH1621NP

9 & 16 CHANNEL DIGITAL VIDEO RECORDERS



1.2TB

**1.2 Terabyte capacity
provides over 3 months
recording time***

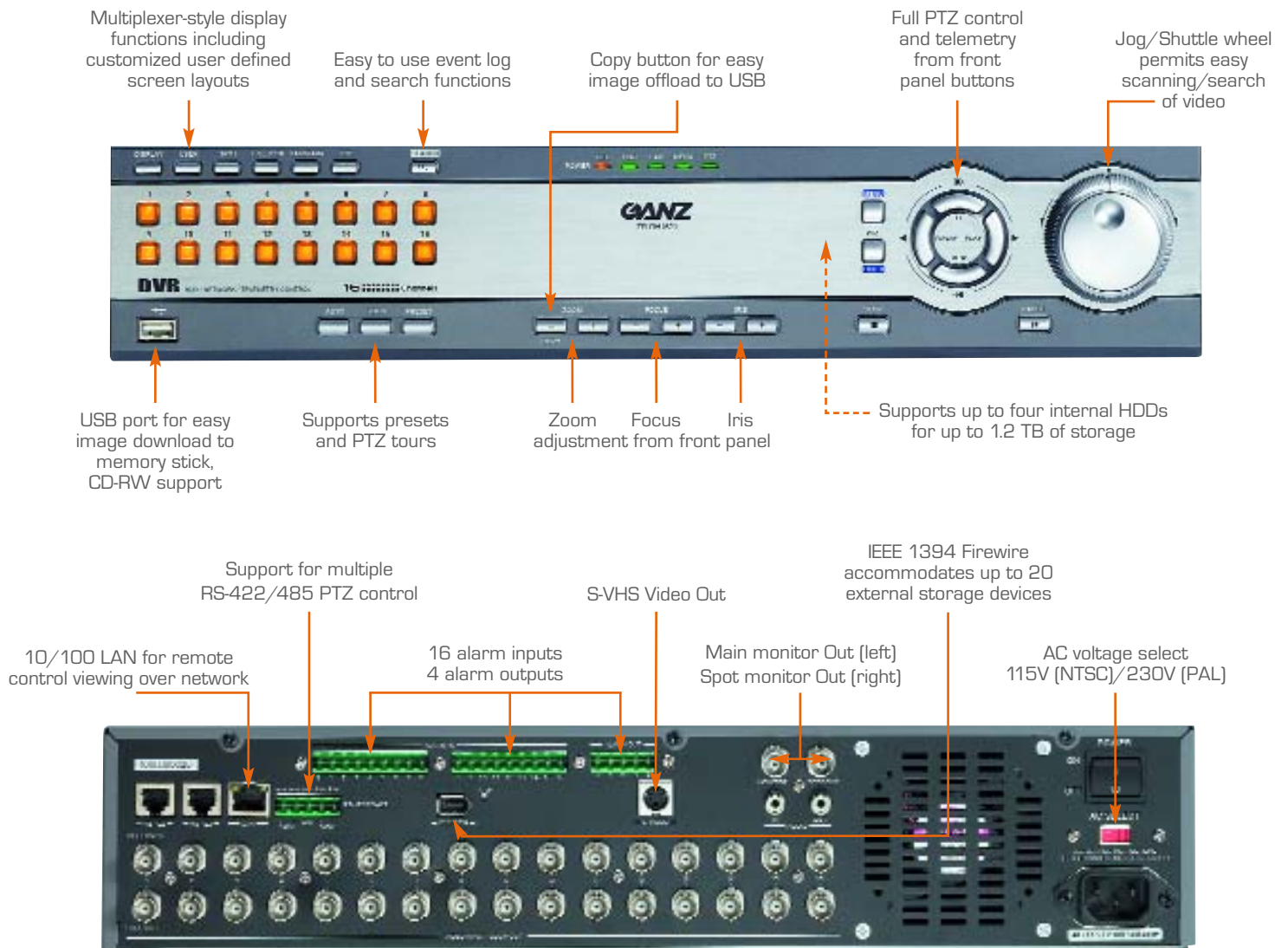
- 1.2 TB Internal HDD capacity using 4x300GB HDD
- Built in PTZ control compatible with major supplier models
- 120 IPS (images per second)
- External Storage via Firewire (Records via CD-RW & External HDD up to 20 x 250GB)
- Triplex (Playback/Record/Live View simultaneously)
- Networking (full remote control over network using client software or web browser)
- Firmware and PTZ drivers upgradable via website or USB device
- Front panel USB port enables easy archiving of data via USB storage device
- Event/alarm/video loss notification sent via e-mail.

*Based on 16 cameras at 1 image per second at 360x240 (CIF) resolution at average image quality (Q4).

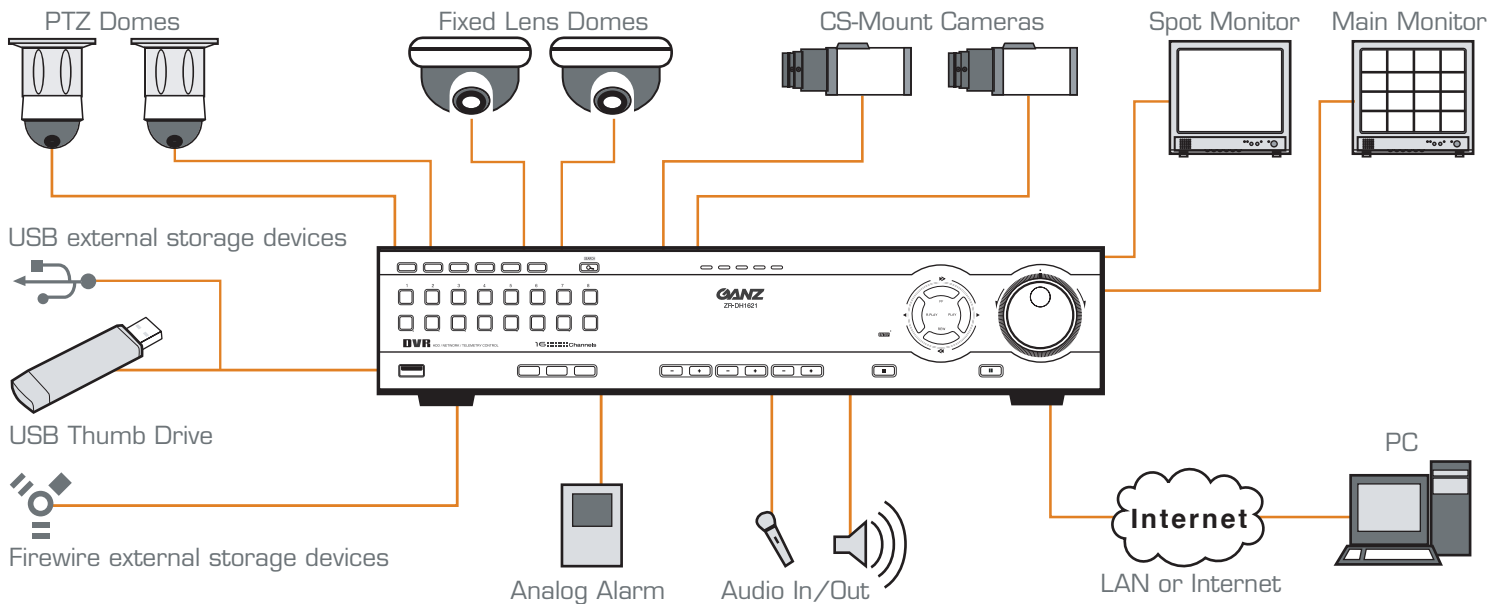
features highlights

GANZ ZR Series 9 & 16 Channel DVRs

Ganz introduces 9 and 16 channel triplex DVRs that are compact, versatile, and very powerful. The units allow the user to play back and record while viewing live video in multi-screen mode, with the added functionality of remote control and viewing over a network connection. The ZR Series boasts large storage capacity, supporting four internal HDD (for up to 1.2TB) and up to 20 external storage devices (CD-R/W and HDD) via FireWire. Data backup and portability are supported by the use of removable media, such as a memory stick or CD-R, via the front panel USB port. Wavelet compression reduces individual image size for more efficient use of disk space. The series was designed to be both intuitive and functional, with many powerful features accessible directly from the front panel.



system diagram



System Diagram

Designed to work within a variety of system configurations, these units fit easily into your existing CCTV infrastructure. With built-in RS-422/485 telemetry control, the ZR Series operates nearly any PTZ device on the market—all from the front panel. Add any unsupported devices to the system easily, using firmware and driver upgrades uploaded from USB or downloaded from the Internet. The ZR Series features integrated motion detection, analog alarm inputs and outputs, pre- and post-alarm recording buffers, and e-mail notification of alarm events. Strong networking features include PTZ control, live viewing, event log search, and multi-channel playback. Each unit has advanced management and scheduling features, automatic Daylight Savings Time adjustment, and support for continuous time correction via Network Time Protocol (NTP). Multiple levels of password protection and selectable covert-channel recording effectively restrict access to only authorized users.

Recording Times

ZR-DH921NP - 9 Channels @ 720 x 240 (2CIF)

250GB	6ips	3ips	2ips	1ips	1TB	6ips	3ips	2ips	1ips
Q7 (high)	3 days	6 days	9 days	17 days	Q7 (high)	12 days	25 days	37 days	75 days
Q4 (average)	4 days	7 days	11 days	22 days	Q4 (average)	17 days	34 days	52 days	103 days
Q1 (low)	10 days	20 days	31 days	62 days	Q1 (low)	45 days	90 days	134 days	269 days

ZR-DH1621NP - 16 Channels @ 720 x 240 (2CIF)

250GB	3ips	2ips	1ips	0.5ips	1TB	3ips	2ips	1ips	0.5ips
Q7 (high)	3 days	5 days	10 days	19 days	Q7 (high)	14 days	21 days	42 days	84 days
Q4 (average)	4 days	6 days	12 days	25 days	Q4 (average)	19 days	29 days	58 days	116 days
Q1 (low)	11 days	17 days	35 days	70 days	Q1 (low)	50 days	76 days	151 days	302 days

