

16 Channel Elite NVR RAID System



NVR

Key Characteristics

- Linux Embedded – Less Risk of PC crash and virus attack
- One-click setup for more than 70 brands of IP cameras
- findNVR register – free from router settings for web/mobile viewing
- Point of Sale (POS)
- Alarm source of Central Management System
- Support megapixel cameras and H.264 compression format
- Camera I/O integration
- Real-time digital output and Email alert and push notification
- Digital watermark
- NTP server synchronization
- Support 82 brands of IP cameras and over 1580 models (with free monthly update)

Remote Client Application

- Support Stream Profile for remote live view bandwidth control (Original / 300 kbps / 100 kbps)
- Support mobile client for iPhone / iPad / Android

Web

- Web-based configuration, live viewer, playback (Recommend on IE8 and later)
- Online GUI recording schedule
- Panorama 360° PTZ (CDV-P360 and CDV-2M360 fisheye IP Camera)
- Digital PTZ and multi-view
- Support joystick for easier camera control
- Playback with 5 types of intelligent event search
- E-map with indicator
- Auto port-forwarding

Back Panel



Technical Specifications

Model	NVR-BR1685				
Live View	16				
Recording Cameras	16				
Playback Channels	16				
Maximum IP Camera Input	16				
Video Output	HDMI, VGA				
Output Resolution	1920x1080, 1280x1024, 1280x720, 1024x768				
Decoding Capacity (H.264)	120fps @1080p or 240fps @720p 5M/3M with 15 fps Max. 8 Channels ; 2M with 30 fps Max. 16 Channels				
Throughput	80Mbps				
Number of Drives	8 x 3.5" SATA II				
External Storage	1 x e SATA				
Max Storage Per Drive	4TB				
RAID Level	RAID 0, 1, 5, 10				
CPU	ARM Cortex A9 dual cores (930MHz x2)				
RAM	DDR3 2GB				
I/O Interface	4 x USB 2.0 (for keyboard, mouse, UPS, USB flash drive)				
LAN	2 x Gigabit Port, RJ45				
LAN Transmission Speed	10/100/1000 Mbps				
Voltage	AC100V~240V , 3.5A~1.5A , 60-50Hz				
Power Consumption	250W				
Device Dimension (HxWxD)	88.5 x 438 x 442 mm				
Device Weight (Without Drive)	9 kg (19.84lbs)				
Temperature	Operating: 0°C-40°C				
Humidity	Operating: 5%-95%				
Supported IP Camera Brands: 62 brands in v1.1.0	ACTi	Alphatech	Arecont	ARM	AXIS
	BASLER	BOSCH	Brickcom	Bullwark	Centrix
	CISCO	CNB	COP	CORUM	Dahua
	Digital Watchdog	D-Link	DYNACOLOR	Eneo	Everfocus
	Fine	Forenix	GE	Grandstream	Grundig
	Guardliner	HIKVision	Honeywell	IQinVision	LevelOne
	Linksys	Lumenera	Mobotix	NetworkCamera	Onvif
	Panasonic	Pelco	PIXORD	Probe	Rover
	Samsung	SANTEC	SANYO	Sony	StarDot
	Sunell	Telview	TOSHIBA	TRUEN	UDP
	Videosec	Vista	Vision Hi-Tech	VIVOTEK	Zavio
3Svision					
Compression Format	MPEG4, M-JPEG, H.264, MxPEG (remote client only)				
Recording Type	Emergency record, continuous record, record by schedule, event triggered record, digital input triggered record				
Live View Control	Live view, preset/go, PTZ, remote I/O, snapshot, digital PTZ				
Remote Live View Control	Live view, preset/go, PTZ, remote I/O, snapshot, multi-view, digital PTZ, advanced E-Map, bandwidth monitoring				
Audio & Video Recording	Synchronized audio and video recording				
POS	Live view, record, playback, and search for every transaction (web only)				
Auto Backup	Automatically backup the recorded video of the date before to FTP server				
Intelligent Search via Web/Remote	General motion, missing object, foreign object, lose focus, camera occlusion				
Remote Live View Connection	Live view maximum 16 connections per server at the same time				
Supported Languages: 16	English, Croatian, Czech, Deutsch, Finnish, French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Simplified Chinese, Traditional Chinese, Spanish, Swedish				
Remote Client System Minimum Requirement					
OS	Windows XP (32-bit) / Win7 (32 and 64-bit)				
CPU	Intel Core 2 Duo, 2.6GHz				
AM	1GB				
LAN Transmission Speed	10/100/1000 Mbps (RJ45)				
GUI	1. Web browser: Internet Explorer 8, 9				
	2. client application program				
	3. iPhone, iPad, Android mobile live viewer				

• Specifications are subjected to change without prior notice.