

Granvista Plus

2M-pixel IP66 Outdoor Network Camera

***Your reliable guards outside
the buildings around the clock***

GVP-221 is a heavy-duty and high resolution (1600x1200) IP66 Bullet Network Camera featured with superior H.264-AVC performance and multiple functions. This excellent model has been designed for outdoor environments that it may satisfy users' expectations 24 hours a day, and all the year around.

GVP-221 supports IEEE802.3af PoE (Power over Ethernet) standard thus it makes the installation even more easier with simply an Ethernet cable from the PoE switch.

It is perfect for outdoor applications such as motels, parking lots, gas stations, residence, schools and pre-schools, ware houses etc. GVP-221 also has good features of Day/Night function with mechanical IR-cut filter which is particularly useful when you need to capture images under highly variable lighting conditions, event management, two-way audio supports and digital PTZ (4X), etc.,



GVP-221

Granvista *Plus*

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Main Features:

- ◆ 2 Mega CMOS image sensor (1600 x 1200 resolution)
- ◆ Built-in web server providing Internet capability for remote access
- ◆ H.264 multiple streaming
- ◆ Day-and-night function with mechanical IR-cut filter
- ◆ Two-way audio support
- ◆ Supports IEEE802.03af PoE (Power over Ethernet)
- ◆ Event management support
- ◆ Digital input/output for alarm triggering
- ◆ Supports DDNS
- ◆ Outdoor housing: compliance to IP66 water proof standard

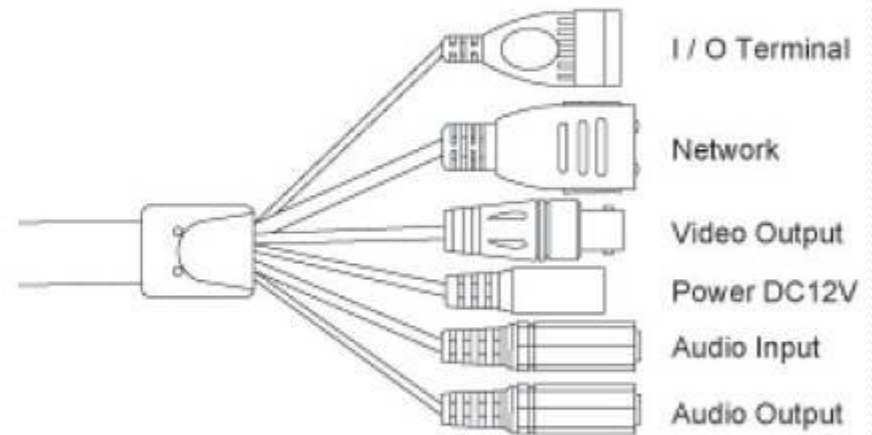
Specifications of GVP-221

Video Compression	H.264 / Motion JPEG		Audio Capability	1 x Audio line input, 1 x Audio line output
Video Resolution	2MEGA: 1600 x 1200		Audio Compression	AAC / G.711 PCM 8Khz
	HD720: 1280 x 720		Power Supply	1. Built-in PoE IEEE-802.3af Class 3 2. DC12V jack (used when PoE switch is not available)
	SVGA: 800 x 600			
	VGA: 640 x 480		Security	Password protection, Https encryption, User access log
	QVGA: 320 x 240		Power Consumption	8W
Bit Rate	64K- 6M bits/sec (CBR/VBR configurable)		Water Proof Standard	IP66
Frame Rate	30 FPS @ HD720 VGA/QVGA/CIF)		Operation Temperature	-10degree C to 50degree C
	15FPS @ 2Megapixel (1600 x 1200)			
Image Device	CMOS (HD) 2M		Operation Humidity	20% – 80% RHG
Lens Type	Fixed lens, CS mount, IR correction, Focal length 6mm, F1.8		Dimension (L x W x H)	77mm(W)x160mm(L)x80mm(H)
Radiant Distance	20M		Net Weight	820g
IR LED	12 units IR 8ψ LED, 850nm		I/O Connectors	1 x RJ45 10BASE-T/100TX (LED x 2)
Day/Night Function	Mechanical IR cut filter			1 x BNC composite video output
Minimum Illumination	IR off:1.5 lux @ F1.8; IR ON: 0 lux (20M)			1 x DC jack
Video Control	Digital PTZ, controllable frame bit rate (bandwidth), VBR/CBR control, RTSP path			1 x Terminal block
Image Adjustment	Brightness, saturation, sharpness, exposure control, white balance, backlight compensation, Rotation			1 x Audio line-out jack
Event System	Trigger	GPIN, motion detection, manual trigger	1 x Audio line-in jack	Package Contents
	Action	File upload via email Alarm notification via email External output activation		
Network Interface	10BASE-T/100 BASE-TX		1 x CD (manual and software)	
Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, Bonjour, DNS, ARP, ICMP, RTSP, RTP		1 x Quick Installation Guide	
			1 x mount stand	
			1 x AC/DC Power adapter (optional)	
			1 x Tool package	

The above information is subject to upgrades or necessary changes without notice.

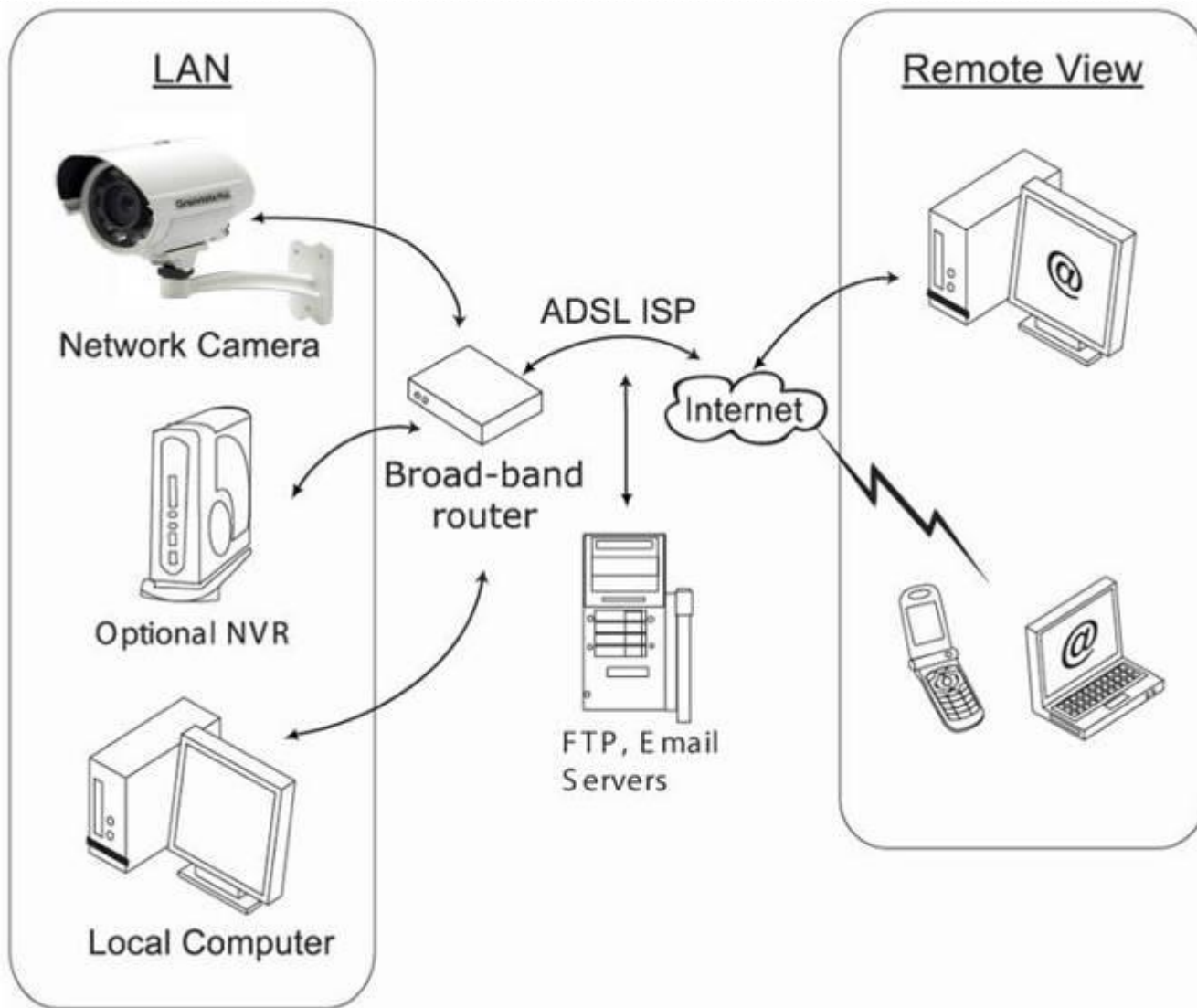
Granvista Plus

Physical layout of GVP-221



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Network Applications



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The free-bundled Windows-based NVR software is able to well-satisfy your basic requirements for video/audio real-time monitoring, recording and data playback already without extra cost for buying other software. Depends on the performance of the PC, at most 32 cameras can be integrated into the system.



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The Best-Selling “Camera + SOHO NVR” Package
For the users’ advanced requirements



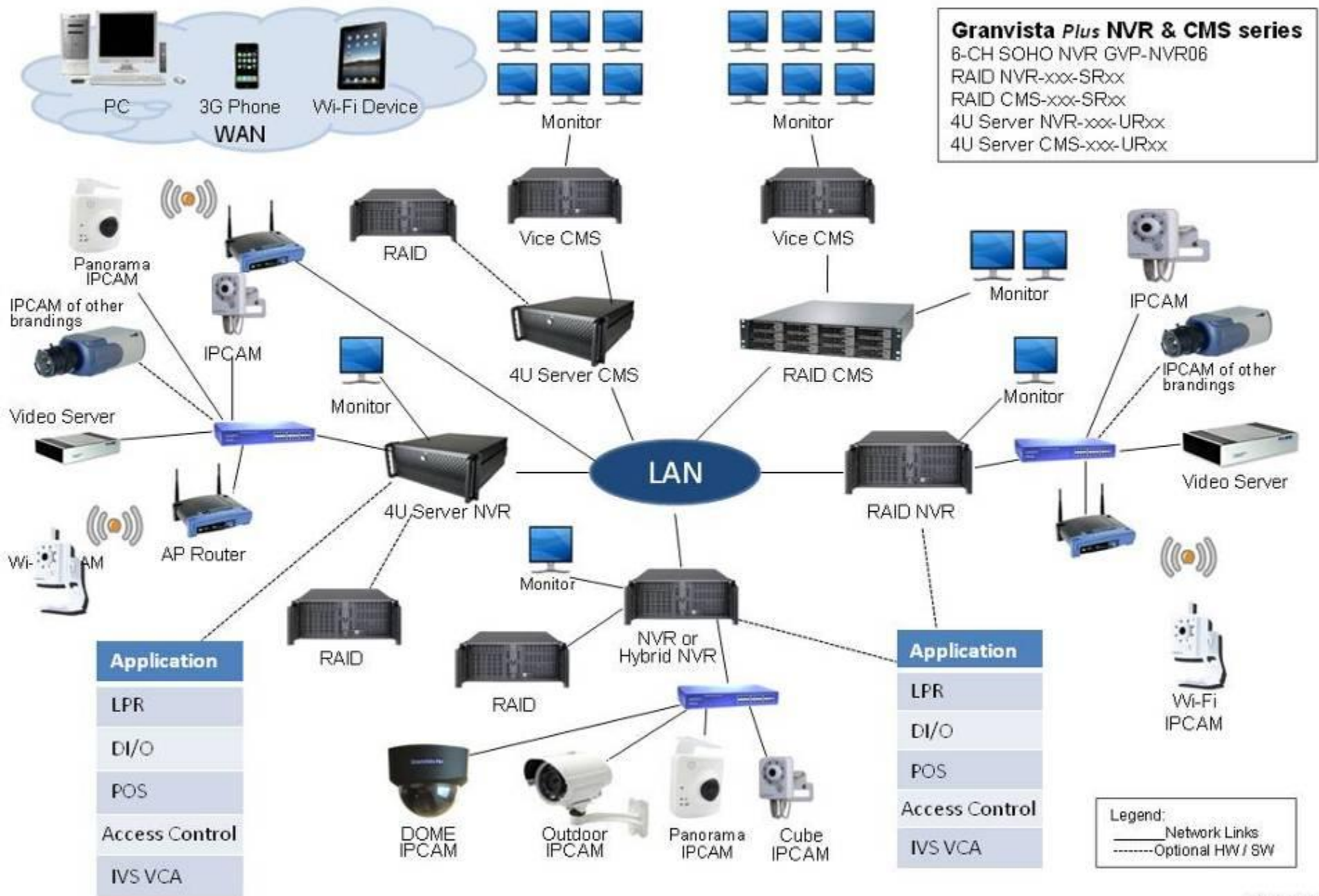
GVP-NVR06

Up to 6 cameras connectivity capacity



For best pricing competitiveness and SOHO NVR hardware’s optimal after-sales services, strategically we allow our regional partners to only purchase the software which is stored in DOM (disk on module) from us, and to purchase and assembly the hardware locally.

Granvista Plus NVR / CMS Network Structure Diagram



Why Linux?

- The whole Granvista *Plus* series NVR products are of Linux system.
- Not like ordinary Windows platforms, Linux is much safer against virus attacks. The data will be much more secured, and no extra costs for purchasing Anti-virus software.
- Very user-friendly interface designed solely for users' convenience.
- Not like ordinary Windows systems which are loaded from hard disks, the NVR's programs are loaded from Flash DOM (Disk on Module) that they do not have the disadvantages of PC's hard disks which may easily be damaged in case of sudden power interruption.
- Free from all the troublesome product upgrades which Windows OS requires repeatedly against new security issues found.
- Big save on the cost that no purchase on Windows OS is required.