

BVN1004

4CH H.264 HD 1080P NVR

Product Overview

BVN1004 standard 4 channel high definition NVR (Network Video Recorder) utilizes advanced image processing, network transmission, and storage technologies, featuring cloud surveillance, one-click remote surveillance, plug and play, high definition images never seen before with traditional surveillance systems, and simultaneous viewing, browsing, playback, management, and storage on multiple NVRs. It is suitable for various settings including banks, schools, government agencies, public transits, retail settings, petrol stations, public areas, and factories.

ONVIF Protocol

ONVIF (Open Network Video Interface Forum) protocol was created to globally standardize the communication between IP based security products. This ensures interoperability between network video products (including network cameras and recording devices) made by various manufacturers, providing users with greater flexibility.

DDNS

DDNS (Dynamic DNS) is an extension of DNS. With DNS, end user IP addresses and domain names are statically mapped, whereas DDNS enables automatic re-mapping of a domain name with dynamic IP addresses in real-time. DDNS is helpful in situations where the IP address is frequently changing, especially for wireless network and DHCP environments.

Cloud Service

Cloud service enables various types of port forwarding to be performed effortlessly. It allows remote surveillance to be configured with only one single step to avoid complex network configuration.

Features

- ▶ Perform various types of port forwarding with ease via cloud service - one step remote surveillance configuration to eliminate complicated network configuration
- ▶ Dual streaming enables the delivery of two independent streams of video; main stream is used for local recording to achieve high definition surveillance; sub stream is used for network transmission, overcoming the bandwidth bottleneck issues
- ▶ Supports mobile surveillance via various types of smart phones and tablets (iOS, Android, Windows Mobile, and BlackBerry)
- ▶ Supports remote surveillance via multiple browsers (IE, Chrome, Firefox, and Safari)
- ▶ Supports multi-channel HD IP camera input (up to 1080P)
- ▶ Supports VGA and HDMI 1080P HD synchronous output
- ▶ Built-in ARSP domain name service to activate remote surveillance with one click.
- ▶ Support powerful network services (including DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, Email, IP Permissions, IP search, alarm center)
- ▶ Supports ONVIF protocol - can connect to front end IPC and client with ONVIF support



1080P	H.264	DDNS	Cloud Service	Mobile / Remote	Multi-language	VGA/HDMI	Dual Streaming
Video Standard	Video Compression	Network Service	Network Setup	Surveillance	Language	Video Output	Transmission

Specifications

Model		BVN1004
System	Main Processor	Industrial embedded micro-controller
	Operating System	embedded Linux
Display	Operating Interface	support 16-bit true color graphical menu interface and mouse operation
	Display	1/4
Video/Audio	Video Standard	Video: PAL, NTSC; Audio: G.711A
	Video Compression	H.264(High Profile)
	Output	monitor: D1; VGA/HDMI: HD
	Playback	1080P/D1
	Input	4*1080P/8*D1
	Motion Detection	supported
	Two-way Audio	not supported
Recording & Playback	Recording Mode	Manual > Alarm > Motion Detection > Timer
	Local Playback	1080P (1ch) / D1 (4ch)
	Search Mode	Time, Calendar, Events, Channel
	Storage	Local HDD, Network
	Backup	Network, USB drive, USB writer
Interfaces	Video Input	not supported
	Video Output	1 ch BNC, 1 ch VGA, 1 ch HDMI
	Audio Input	not supported
	Audio Output	1 ch RCA
	Alarm Input	not supported
	Alarm Output	not supported
	Network	1 RJ45 10M/100M adaptive Ethernet interfaces
	PTZ Control	1 RS485 port, support multiple PTZ protocols
	USB	2 interfaces
	HDD	1 SATA interface (up to 4TB per HDD)
General	ONVIF	supported
	Operating Temperature & Humidity	0°C - + 55°C; 10% - 90%
	Weight	975g
	Power Supply	12V/2A
	Dimensions	255mm(L)* 225mm(W)* 45mm(H)

Applications



Banks



Factories



Schools



Transit Stations



Retail Stores



Petrol Stations



Community