

BVN2016

16CH H.264 HD 960P NVR

Product Overview

BVN2016 standard 16 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 VGA/HDMI 1080P HD synchronous output
- ▶ Support powerful network services (including DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, Email, IP Permissions, IP search, alarm center) with comprehensive backend (web, client, SDK)
- ▶ Built-in ARSP domain name service to activate remote surveillance with one click. Also support DDNS service providers including 3322.org, DynDNS, Oray (known as PeanutHull server), and myq-see
- ▶ Supports ONVIF protocol - can connect to front end IPC and client with ONVIF support



960P	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		BVN2016
System	Main Processor	Industrial embedded micro-controller
	Operating System	embedded Linux
	System Resources	Synchronous multi-channel recording, single-channel playback, multi-channel multi-user remote access, USB backup
Display	Operating Interface	support 16-bit true color graphical menu interface and mouse operation
	Display	1/4/9(8ch)/16
Video	Video Standard	PAL (625line, 50f/s) ; NTSC (525line, 60f/s)
	Video Compression	H.264(High Profile)
	Output	VGA: HD, HDMI: HD
	Playback	3M/1080P/960P
	Input	4*3M/8*1080P/16*960P
	Motion Detection	supported
Audio	Audio Compression	G.711A
	Two-way Audio	not supported
Recording & Playback	Recording Mode	Manual > Alarm > Motion Detection > Timer
	Local Playback	3M (1ch) / 1080P (2ch) / 720P (4ch)
	Search Mode	Time, Calendar, Events, Channel
Storage & Backup	Disk Usage	Video: CIF: 4~5G per day per channel / D1: 8~10G per day per channel 960H: 12~20G per day per channel / 720P: 24~30G per day per channel 1080P: 40G per day per channel / Audio: 691.2M per day per channel
	Storage	Local HDD, Network
	Backup	Network, USB drive, USB writer
Interfaces	Video Input	RJ45
	Video Output	1ch VGA, 1ch HDMI
	Audio Input	1ch RCA
	Audio Output	1ch RCA
	Alarm Input	no
	Alarm Output	no
	Network	1 RJ45 10M/100M adaptive Ethernet interfaces
	PTZ control	1 RS485 port, support multiple PTZ protocols
	USB	2 interfaces
	HDD	2 SATA interface (up to 4TB per HDD)
General	ONVIF	supported
	Power Supply	12V/4A
	Dimensions	350mm(L) * 295mm(W) * 45mm(H)

Applications



Banks



Factories



Schools



Transit Stations



Retail Stores



Petrol Stations



Community