Functional features

- 8MP high-definition resolution, clear and delicate images
- Support 2D/3D noise reduction, digital wide dynamic range
- Advanced H.265 video compression technology, ultra-low bitrate, HD picture quality
- Support ONVIF protocol
- Can connect to third-party NVR backend/platform such as Tuya
- Lightning protection and surge protection

NVR model		P8508
Video input	Video input	8 CH 720P/960P/1080P/3MP/4MP/5MP/8MP
	Network video access bandwidth	40Mbps
Audio and video output	HDMI output	1 channel, HDMI interface: Resolution: 4K/30Hz
	VGA output	1 channel, VGA interface: resolution: 1920x1080P/60Hz
	Audio output	1 3.5mm headphone jack (standard), supporting HDMI audio output
Video and audio encoding and decoding parameters	Video compression standard	Standard H.265, H.264
	Playback performance	8-channel 8MP recording, 1-channel 8MP playback: 8-channel 5MP recording, 2-channel 5MP playback: 8-channel 3MP recording, 4-channel 3MP playback: 8-channel 1080P recording, 4-channel 1080P playback
	Video encoding resolution	720P, 960P, 1080P, 3MP, 4MP, 5MP, 8MP video encoding
	Stream type	Audio and video streams, supporting variable bit rate (VBR)/fixed bit rate (CBR)
	Audio compression standard	G.711
Video management	Video recording mode	Timed recording, motion detection recording

	playback mode	Regular playback
	Backup mode	USB backup and network backup are backed up by time
Hard disk drive	Storage type	Supports 1 SATA interface
	storage capacity	Each interface supports hard drives with a maximum capacity of 6TB
POE	Interface	8, RJ45 10M/100M adaptive Ethernet ports
	standard	IEEE802.3af
	output power	≤13W
External interface	network interface	1 RJ45 100M adaptive Ethernet port
	USB interface	2 USB 2.0 interfaces
Network Management	Network Protocol	NTP (Network Time Protocol), SMTP (Mail Service), PPPoE (Dial Up Internet), DHCP (Automatic IP Address Acquisition)
other	Power input	DC +48V
	Power consumption (excluding hard drive)	≤15W
	working temperature	-10℃--+55℃
	Working humidity	10%—90%
	size	258x210x42MM
	Weight (excluding hard drive)	≤1 Kg