



HR108XA-2TB Wireless NVR

The IVSEC HR108XA-2TB is a next-generation 8 channel NVR with a pre-installed 2TB HDD that is engineered for sites where traditional Wi-Fi and cabling falls short. Powered by HaLow technology (802.11ah), the HR108XA delivers ultra-long-range wireless penetration, exceptional stability, and low-power connectivity making it ideal for farms, warehouses, large residential blocks, and remote infrastructure.

Designed to pair seamlessly with IVSEC's HaLow camera range, the HR108XA creates a secure, long-distance wireless network capable of reaching hundreds of metres through walls, foliage, and industrial environments where standard 2.4/5GHz Wi-Fi struggles. The result is a robust, scalable surveillance solution without the cost and complexity of trenching cables or installing repeaters.

The HR108XA supports 8 channels of high-definition recording, smart analytics, and remote access through the IVSEC app, when the NVR is connected to the internet. With flexible storage options, intuitive setup, and enterprise-grade reliability, it brings professional-level performance to locations that were previously difficult or impossible to secure.

8
CHANNEL

6TB
STORAGE
POTENTIAL

32
MBPS

WIRELESS
HaLow

Specifications

Maximum Channels	8
Maximum Video Resolution (Megapixels)	8 MP
Examples of Channels at a resolution with FPS	32 Mbps
Video Compression	H.264, H.264+, H.265, H.265+, MJPEG
Video Output Resolution	4K, HD-1080p, HD-720p, VGA
Image Display	1, 4, 6, 8, 9
Intelligent Video (Dependant On Camera)	Human Detection, Motion Detection
Total Storage Potential (TB)	6
HDD Bays, Size	Bays x 1, 2TB pre-installed, up to 6TB HDD
RAID	n/a
Protocols	CP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, DHCP, SMTP, DNS, DDNS
Audio Streaming	Audio out
Wi-Fi	Wi-Fi HaLow (802.11ah)
Wireless Distance	up to 700m*
Non Power Over Ethernet Ports	1
Power Over Ethernet Ports	0
Power Over Ethernet	No
Power Supply	Plugpack (12V DC / 2A)
Power Consumption	7W
Connectors	HDD: 3.5" SATA HDD Slot x 1, USB2 Female x 2, Megabit Ethernet: RJ-45 Port x 1
Operating Environment	0°C to 40°C (32°F-104°F) Humidity: 20%-85% RH
In The Box	Printed quick installation guide, Mouse, HDD screws, Power supply.
Product Dimensions (H x W x L) mm	53 x 300 x 227
Packaging Dimensions (H x W x L) mm	100 x 430 x 270
Weight (Net) kg	1.25
Weight (Gross) kg	1.55
Warranty	3 Years Parts

*Depending on temperature and environment

All IVSEC X Range Network Video Recorders (NVRs) feature



Plug and Play
with IVSEC X range cameras



ONVIF Profile S/G/T
for ease of IP cameras compatibility on
3rd party recording systems



Powerful H.264, H.265 Compression
to save on hard drive storage



Easy to use Search Methods
search by date/time range, and filter by analytics:
PIR detection, IVS, Perimeter Intrusion Detection,
Line Crossing Detection, Stationary Object Detection,
Pedestrian Detection, Face Detection, Line Cross Counting,
Human and vehicle tracking *Analytics/IVS is camera dependant



Remote Control
remotely control NVRs and cameras using the free
Video Management System (VMS) for PCs, Internet
browsers, and powerful mobile applications

<https://ivsecurity.com.au/product/hr108xa-2tb-wireless-nvr/>