MILESTONE HUSKY™ X2

Plug-n-play network video recorder built for Milestone XProtect® VMS

The Milestone Husky X2 is a 2U rack mountable plug-n-play network video recorder with a built-in PoE+ switch and input/output connector. With a verified continuous recording throughput of more than 550 Mbit/s, it provides the power and scalability required in most small to mid-market surveillance installations. The Milestone Husky X2 comes with pre-installed XProtect VMS, allowing everyone to start right with the free XProtect Essential+ or any other XProtect VMS version.

All you need to start right

Milestone Husky X2 is delivered with pre-installed XProtect VMS, which reduces the deployment costs and makes it easy to get started with the unit.

Connect up to eight cameras and get access to all essential VMS functionality for free, by using XProtect Essential+.

Unlock any of the paid XProtect VMS variants that suit your needs with a simple license change.

Plug-n-play

The built-in managed 16 port PoE+ switch ensures the easy connection of cameras and other security devices, eliminating the need for additional equipment. The PoE provides PoE+ on all ports with 250W of total power. The switch provides important security functions such as port MAC address locking.

Integrated I/O connectors makes it easy to connect detectors and alarm triggers to the unit and to control external devices.

Low total cost of ownership

Efficient Intel® i3 Skylake CPU and onboard GPU make the most of the XProtect VMS, while minimizing power consumption and heat emission.

A single Milestone Husky X2 offers a proven capacity of more than 130 cameras per unit and delivers more than 550 Mbit/s continuous recording throughput.

Includes two disk bays supporting up to 20 TB total storage.

Ordering information

BAREBONE UNITS		STORAGE AND TRAYS*	
HX2	Husky X2 barebone	**HX2S2TB-2**	2 * 2TB HDD (4TB total) w/tray for X2
HX2P16	Husky X2 barebone w/16 PoE switch	**HX2S6TB-2**	2 * 6TB HDD (12TB total) w/tray for X2
		HX2S8TB-2	2 * 8TB HDD (16TB total) w/tray for X2
		HX2S10TB-2	2 * 10TB HDD (20TB total) w/tray for X2
		HX2ST-2	2 * HDD tray for X2

* Milestone Husky X2 NVR may be used with storage drives sourced from other parties than Milestone, provided that the type of storage drives used have been validated and approved by Milestone. Please refer to www.milestonesys.com/husky-support for a complete list of approved storage drives.

General Specification

Max. number of cameras
133 cameras* continuous recording

Form factor
Standalone/ 2U rack-mount

Dimensions (WxDxH)
43 x 33 x 8.8 cm
16.9 x 13 x 3.5 inch

Shipping weight
Approx. 13.5 kg / 30 lbs

Hardware warranty
3 years

Compute System

CPU
Intel® Core™ i3-6100 3.7 GHz

CPU passmark
5475

GPU
Intel® HD Graphics 530

GPU video decoding
Yes, Smart Client and server side VMD

RAM
16 GB

Credential and key encryption
No

Operating system (OS)
Windows 10 IoT Enterprise Semi-Annual Channel

Storage System

Max. recording rate
556 Mbit/s

Internal video storage (raw)
4/12/16/20 TB

Number of hot-swap HDD drives
2 bays, SATA
(Both disk bays shall be used)

RAID support
No

Archiving to external NAS/SAN
Yes

VMS/OS storage
256 GB mSATA SSD

Software recovery image
Yes

Network System and Connections

Network interface
2 x 1 GbE RJ45
16 x 1 GbE PoE+ RJ45 (HX2P16 only)

Built-in I/O connector
4 x in + 4 x out

Remote management
No

Display connections
1 DVI + 1 HDMI

Maximum resolution
1920 x 1200 on both DVI and HDMI

USB
4 x USB 3.0

Power System

Power input
100~240V, 50/60 Hz

Max. power consumption
250W Non-PoE / 500W PoE+

Redundant power supply
No

Protection
OVP (over voltage), OCP (over current), OTP
(over temp), SCP (short circuit)

Environmental

Operating temperature
0^0 - 40^0 C / 32^0 - 104^0 F

Storage temperature
-20^0 - 70^0 C / -4^0 - 158^0 F

Humidity
10 – 90% relative humidity (non-condensing)

Regulatory

Regulatory compliance
CE (class A), WEEE, FCC (class A)[1], RCM, UL,
Mexico (CoC)

XProtect VMS software
Milestone Husky X series NVRs are preloaded with Milestone XProtect Advanced VMS, which means that they can be used with the following XProtect VMS variants:
Professional+, Expert and Corporate, where required licenses are obtained separately. The units can also be used with XProtect Essential+ with up to 8 cameras for free.

*) No hard system limit, maximum number of cameras only limited by available system resources and recording speed. Stated number validated with, 720P @25 FPS, 2 Mbit/s with VMD

1 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device
must accept any interference received: including interference that many cause undesired operation.