

Husky IVO 1800R

The right performance for critical video setups



Throughput

Up to 1,800 Mbit/s

Local storage

Up to 384 TB

The Husky IVO 1800 Rack combines performance, extensive storage and reliability with trust and quality, to bring the ideal solution for larger, complex, or critical video installations.

High-performance appliance for XProtect®

A server-grade, 2U rack-mount unit with powerful components and full redundancy, this unit can unlock the full benefits of XProtect® and allow you to get the most value out of your video installation.

- Performant components and optimized software-hardware interaction
- Easy and seamless setup with Husky Assistant
- Extensive storage capacity for your video

Fully-equipped for the future

The Husky 1800R is all about performance and flexibility for the future. With extreme storage capacity and the ability to add extra components to support analytics or to increase performance even further, this unit is sure to support your varying requirements for operating with XProtect.

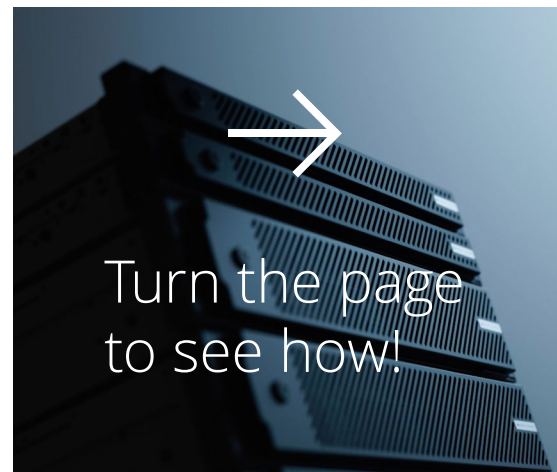
- Up to 24 bays for local storage
- Flexible storage configurations adapted to your needs and budget
- Extended camera compatibility – connect more than 11,000 devices to your XProtect VMS

Key features

- Rack-mount unit 2U form factor – fits perfectly with an existing IT infrastructure
- Up to 384TB local storage on 24 bays
- High speed LAN card to enable connections to SAN storage
- Dual OS drives & power supplies
- Hardware RAID for increased redundancy
- Windows Server OS
- iDRAC9 Enterprise

Recommended usage

- Up to 250 channels (based on the following video stream: 1080p, 30 FPS, 5-8 Mbit/s/channel, with video motion detection recording)
- XProtect management and recording server – viewing recommended on a separate machine through XProtect Smart Client



Hardware information

Form Factor

Rack Mounted 2U

CPU

Intel® Xeon® Silver 4216

GPU

No

RAM

32GB DDR4

Operating system (OS)

Windows Server 2019 IoT Essentials (No CAL)

VMS/OS Storage

2 x 240GB (RAID 1), M.2 SSDs

Number of hard-drives

12 x 3.5 / 24 x 3.5 (hot-plug)

Raw storage (gross)

24/48/96/144/192/288/384 TB
(Dell Enterprise Grade 24/7 Drives)

RAID Support

RAID Controller & Support
PERC H730P²
RAID 0,1,5,6,10,50,60
RAID 5,6,10 configurable in Husky Assistant

Display ports

1 x VGA

Network interface

2 x 1 GbE + 2 x 10 GbE (RJ45)

Available PCIe slots

1 x PCI Express® x16 Gen 3 slot full height / half length card

Archiving to external NAS

Yes, through high-speed LAN card

Credential and Key encryption

Trusted Platform Module (TPM) 2.0

Redundant Power Supply

Yes, hot-plug

Remote management

Yes, iDRAC9 Enterprise (license incl.)

General information

Hardware warranty

5 years full system warranty (incl. HDD)
Onsite support next business day¹

Dimensions

86.8 x 448.0 x 810.0 (mm) (without Bezel)
3.4" x 17.6" x 31.9" (without Bezel)

Weight

40.0 kg
88.2 lbs.

Power input

100–240V, 50/60 Hz

Max. power consumption

1,100W up to 94% efficient (Platinum) hot-plug redundant

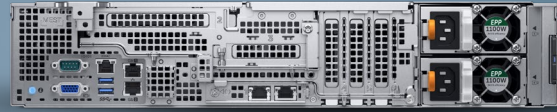
BTU Rating

1635.4 BTU/hr

Protection

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

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Environmental

This unit is intended for stationary server room and office use, according to the conditions stated below.

Operating temperature

5° - 40° C / 41° - 104° F

Storage temperature

-40° - 65° C / -40° - 149° F

Humidity

10 – 85% relative humidity (non-condensing)

Regulatory

Safety & emission standards

CE (class A), UKCA, FCC, RCM, UL, Mexico (NOM), VCCI

Trade compliance

NDAA Compliant

Ordering information

HE1800R-24TB	Husky IVO 1800 Rack mount 2U, WS19, 24TB	12 bays x 2TB
HE1800R-48TB	Husky IVO 1800 Rack mount 2U, WS19, 48TB	12 bays x 4TB
HE1800R-96TB	Husky IVO 1800 Rack mount 2U, WS19, 96TB	12 bays x 8TB
HE1800R-144TB	Husky IVO 1800 Rack mount 2U, WS19, 144TB	12 bays x 12TB
HE1800R-192TB	Husky IVO 1800 Rack mount 2U, WS19, 192TB	12 bays x 16TB
HE1800R-288TB	Husky IVO 1800 Rack mount 2U, WS19, 288TB	24 bays x 12TB
HE1800R-384TB	Husky IVO 1800 Rack mount 2U, WS19, 384TB	24 bays x 16TB
HA-RR-740	PEC Static Rack Rail kit for Husky 1800R	n/a

XProtect VMS software

Milestone Husky appliances are preloaded with Milestone XProtect VMS, which means that they can be used with any XProtect VMS variants. The required VMS licenses are purchased separately. The units can also be used with XProtect Essential+ with up to 8 cameras for free.

¹ Onsite intervention dispatched following Milestone's support processes – hardware Service Tag information accuracy required. Subject to regional availability, dependent on Dell Technologies support network. Dell Technologies onsite support service will be given on a best effort basis conditioned upon the location of the Husky IVO unit. Onsite support services like NBD or 4HR are being counted from the moment Dell Technologies' troubleshooting is finalized and conditioned upon the hour and the day of the week the troubleshooting finishes.

² Performance tested on raid controller H730P, a raid controller H740P may occur on Husky IVO 1800R.