Specification Sheet

Husky IVO 1800R

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Feature Overview

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

Key Features

- Rack-mount 2U form factor – fits perfectly within an existing IT infrastructure.

- Up to 384 TB local storage on 24 bays

- High-speed LAN card to enable connections to SAN storage.

- Dual OS drives & power supplies

- Hardware RAID for redundancy

- Windows Server OS

- iDRAC9 Enterprise

- Up to 1800 Mbps

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.

- High-performance components and optimized software/hardware interaction

- Easy and seamless setup with Husky Assistant

- Extensive storage capacity for your video

Fully equipped for the future

- 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 – compatible with 14,000+ devices

Recommended Usage

- Up to 250 channels (based on the following video stream: 1080p, 30 FPS, 5-8 Mbps/channel, with video motion detection recording)

- XProtect management and recording server – viewing recommended on a separate machine through XProtect Smart Client.

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Hardware Information

- **Form factor**
  - Rack mounted 2U
- **CPU**
  - Intel Xeon SIlver 4410Y 2GHz 30MB Cache (12 Cores, 24 Threads) 150W
- **GPU**
  - N/A
- **RAM**
  - 32 GB DDR5 (2 x 16 GB) ECC
- **Operating system (OS)**
  - Embedded Windows Server IoT 2022 Standard (16 Cores, 5 CLT)
- **VMS/OS storage**
  - 2 x 480 GB (RAID 1, SSD M.2 PCIe NVMe)
- **Number of hard drives**
  - 12/24 x 3.5" (hot-plug)
- **Raw storage (gross)**
  - 48/96/144/192/288/384 TB (Dell Enterprise Grade 24/7 Drives)
- **RAID controller & support**
  - HW RAID Controller PERC H965i
- **Display ports**
  - 1x DB-15 VGA port on the rear (For installation use, not for live viewing purposes)
- **Network interface**
  - 2 x 10 GbE (RJ45) + 2 x 1 GbE (RJ45) + 1 x 1 GbE iDRAC/Mgmt (RJ45)
- **Available PCIe slots and card fit**
  - Slot1-5: Half-Length, Low-Profile
  - Certain Combinations Possible, Info
- **Archiving to external NAS**
  - Yes, through high-speed LAN card
- **Credential and key encription**
  - 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 day[1.]
- **Dimensions**
  - 873 x 481.6 x 86.8 (mm) 34.36" x 18.96" x 3.42"
- **Weight**
  - 46.3 kg (min) 102 lb (min)
- **Power input**
  - 100~240V, 50/60 Hz
- **Max. power consumption**
  - Dual, 1100W (Titanium) hot-plug redundant
- **BTU rating**
  - 4125 BTU/hr (max. theoretical) 1515 (perf. test)
- **Protection**
  - OVP (over voltage), OCP (over current), OTP (over temp), SCP (short circuit)

Environmental

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

- **Operating temperature**
  - 10º – 35º C / 50º – 95º F
- **Storage temperature**
  - -40º – 65º C / -40º – 149º F
- **Humidity**
  - 10 – 85% relative humidity (non-condensing)

Regulatory

- **Regulatory Model and Type**

  Model E93S, Type E93S001

Miscellaneous

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.

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