

Specification Sheet

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# Husky IVO™ 350T Viewing Station

June 18<sup>th</sup>, 2024

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## Feature Overview

The Husky IVO™ 350T Viewing Station is a swift solution for seamless access to live and recorded video footage via the XProtect Smart Client. Designed with speed, simplicity, and comfort in mind, the viewing station redefine convenience. With reliable performance, the viewing stations ensure uninterrupted viewing, while local storage offers ample space to archive crucial footage as needed.

### Key Features

- Desktop tower form factor – ideal for locations with limited space or no rack
- Tested performance in the viewing station usage scenarios. Refer to the section [Recommended Usage](#). More details also available in Husky IVO Viewing Stations Whitepaper.
- NVIDIA T1000 Graphics Card

### Easy setup and flexible setup

- With an easy setup and flexibility in your XProtect® VMS, this unit is a great fit to get you started with your video installation.
- Easy setup with the Husky Assistant in a few simple steps
- Windows and XProtect VMS optimization according to your needs
- Extended camera compatibility – compatible with 14,000+ devices

### Next level peace of mind

- Your video installation should not only be easy and flexible to set up, but also to manage and run – without extra costs or complexity. With the Husky IVO 350T, you get our standard five-year warranty, with single-point support through Milestone and all the benefits of using XProtect as your VMS.
- Single point of contact for support of both the VMS and the appliances
- Possibility for onsite support interventions for hardware repairs and replacement

### Recommended Usage

- The overall recommendation is viewing up to 5x5 streams on one 4K monitor with some exceptions, and 2 x 4K monitors with up to 3x3 streams on each monitor. Refer to the section [Recommended Usage](#) later in the document.
- More details and information available [on Husky IVO Viewing Stations Whitepaper](#)

### Note

- Husky IVO 350T Viewing Station is in fact the same hardware as Husky IVO 350T with the exception that it has a NVIDIA T1000 Graphics Card. Also, it has undergone performance testing and dimensioning test targeted at Viewing Station usage scenario.

## Hardware Information

- **Form factor**
  - Desktop tower form factor
- **CPU**
  - 12<sup>th</sup> Generation Intel® Core™ i3-12100 3.3GHz  
12MB Cache (4 Performance Cores, 8 Threads)  
60W
- **GPU**
  - NVIDIA T1000
- **RAM**
  - 32 GB DDR5 (2 x 16 GB)
- **Operating system (OS)**
  - Windows 10 IoT Enterprise 2021 LTSC Value
- **VMS/OS storage**
  - 256 GB (SSD M.2 PCIe NVMe)
- **Number of hard drives**
  - 2 x 3.5" (internal)
- **Raw storage (gross)**
  - 8/16/24/32 TB  
(Dell Enterprise Grade 24/7 Drives)
- **RAID controller & support**
  - SW RAID 0,1 Intel® Rapid Storage Controller
- **Display ports & VGA**
  - 4 x Mini DisplayPort™ 1.4 with latching mechanism on NVIDIA T400 Graphics Card. (Connect the viewing station monitors directly to NVIDIA T400 Outputs and not to the ports on the chassis)
- **Network interface**
  - 1 x 1 GbE (RJ45) + 1 x 2.5 GbE (RJ45)
- **Available PCIe slots and card fit**
  - 1 x PCIe x16 Gen 4, full-height
  - 1 x PCIe x4 open end (wired x4) Gen 3, full-height
  - 1 x PCIe x1 Gen 3, full-height
  - 1 x PCI-32, full-height
- **Archiving to external NAS**
  - Yes, through LAN
- **Credential and key encryption**
  - Trusted Platform Module (TPM 2.0)
- **Redundant power supply**
  - No
- **Remote management**
  - No
- **USB**
  - Front:
    - 1x USB 2.0 (480 Mbps) port
    - 1x USB 2.0 (480 Mbps) port with PowerShare
    - 1x USB 3.2 Gen 2 (10 Gbps) port
    - 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C port
  - Rear:
    - 2x USB 2.0 ports (480 Mbps) with Smart Power On
    - 1x USB 3.2 Gen 2 (10 Gbps) port
    - 3x USB 3.2 Gen 1 (5 Gbps) ports

### General Information

- **Hardware warranty**
  - 5 years full system warranty (incl. HDD) Onsite support next business day<sup>1</sup>
- **Dimensions**
  - 169.0 x 300.8 x 367.0 (mm) 6.65" x 11.84" x 14.45"
- **Weight**
  - 6.41 kg (min) 14.13 lb (min)
- **Power input**
  - 90 VAC–264 VAC (47 Hz–63 Hz)
  - 500W up to 92% efficient (80 Plus Platinum)
- **BTU rating**
  - 1706 BTU/h (max. theoretical) 287 (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**
  - 5° – 45° C / 41° – 113° F

- **Storage temperature**
  - -40° – 70° C / -40° – 158° F
- **Humidity**
  - 20 – 80% relative humidity (non-condensing)

### **Regulatory**

- **Regulatory Model and Type**
  - Model D31M Type D31M001

## Recommended Usage

The performance results show that the Husky IVO™ 350T Viewing Station can easily be used in an installation with one or two monitors.

Recommendation	
The overall recommendation is viewing up to 5x5 streams on one 4K monitor with some exceptions, and 2 x 4K monitors with up to 3x3 streams on each monitor.	

As illustrated below, we have green areas where the test displayed a positive result, and a few configurations in yellow where the result potentially could be usable but must be tested and confirmed by the end user to sign-off on the quality.

Husky IVO™ 350T with NVIDIA T1000								
4K monitor/cameras		1x1	2x2	3x3	4x4	5x5	6x6	
1 monitor	H264	1080P 1 Mbit/s	Green	Green	Green	Green	Green	
		1080P 4 Mbit/s	Green	Green	Green	Green	Green	
		1080P 8 Mbit/s	Green	Green	Green	Green	Green	
		4K 10 Mbit/s	Green	Green	Green			
		4K 20 Mbit/s	Green	Green				
	H265	1080P 1 Mbit/s	Green	Green	Green	Green	Green	Yellow
		1080P 3 Mbit/s	Green	Green	Green	Green	Green	Yellow
		4K 15 Mbit/s	Green	Green	Green			
2 monitors	H264	1080P 1 Mbit/s	Green	Green	Green			
		1080P 4 Mbit/s	Green	Green	Green			
		1080P 8 Mbit/s	Green	Green	Green			
		4K 10 Mbit/s	Green	Green				
		4K 20 Mbit/s	Green	Green				
	H265	1080P 1 Mbit/s	Green	Green	Green	Yellow		
		1080P 3 Mbit/s	Green	Green	Green	Yellow		
		4K 15 Mbit/s	Green	Green	Yellow			
3 monitors	H264	1080P 1 Mbit/s	Green	Green				
		1080P 4 Mbit/s	Green	Green				
		1080P 8 Mbit/s	Green	Green				
		4K 10 Mbit/s	Green					
		4K 20 Mbit/s	Green					
	H265	1080P 1 Mbit/s	Green	Green				
		1080P 3 Mbit/s	Green	Green				
		4K 15 Mbit/s	Green					
4 monitors	H264	1080P 1 Mbit/s	Green	Green				
		1080P 4 Mbit/s	Green	Yellow				
		1080P 8 Mbit/s	Green	Yellow				
		4K 10 Mbit/s	Green					
		4K 20 Mbit/s	Green					
	H265	1080P 1 Mbit/s	Green	Green				
		1080P 3 Mbit/s	Green	Yellow				
		4K 15 Mbit/s	Green					

In order to obtain further details, please refer to the Whitepaper we have published on viewing station usage scenarios.

## Miscellaneous

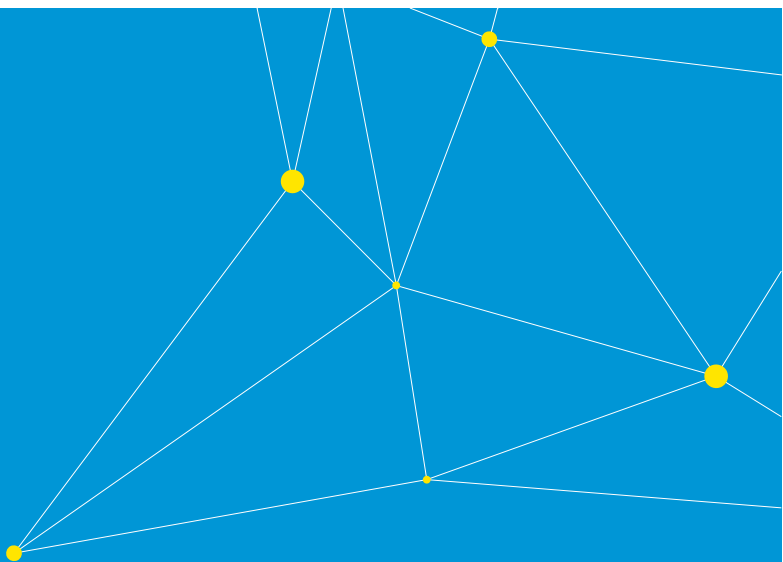
### XProtect VMS software

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. Husky IVO 350T3 is compatible with XProtect 2022 R3 releases and newer

<sup>1</sup> 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.

Milestone reserves the right to correct errors and typos in these data sheets. For the latest version of this document, always check our website. \* Previous version, CPU Intel® Core™ i3-10105; 16GB DDR4 Ram, 2 x DisplayPort, 1x VGA and changed front and backside.

Previous revisions may still be delivered during transition phases to refreshed revisions.



Milestone Systems is a leading provider of open platform video management software; technology that helps the world see how to ensure safety, protect assets and increase business efficiency. Milestone enables an open platform community that drives collaboration and innovation in the development and use of network video technology, with reliable and scalable solutions that are proven in more than 150,000 sites worldwide. Founded in 1998, Milestone is a stand-alone company in the Canon Group.