

# The easiest installation you've ever done

Simply connect any camera and the Husky M20 is the quickest route to a complete surveillance solution.

## Product **highlights 4**

## Predictable installation every time

**Smart Start plug-and-play** to connect cameras and configure storage

**Smart Start is automatic** camera discovery, IP address assignment\*, time synchronization\* and storage allocation

8 or 16 port Integrated Power over Ethernet (PoE) managed switch

**PoE+** on all ports, up to 250W total power

## Highest performance for the mid market

**200 Mbit/s recording rate** to handle high-megapixel cameras

**Customer replaceable** hard disk drives

Alarm I/O: 4 in and 4 out

**Latest technology** with 6thgeneration Intel Skylake processors

**Western Digital Purple** hard disk drives made for surveillance

Supports up to 24 cameras

## Proven solution that works with any camera

Preloaded with an NVR-optimized version of **XProtect Professional** 

Choose from more than 5,000 cameras from more than 100 manufacturers

Industry's **best mobile app** for free

Connect multiple Milestone Husky NVRs together in **master/slave setup** 

Supports **third-party integrations** and Milestone add-on products

Includes **3-year hardware warranty** 

\*For supported cameras

 Milestone Systems HQ, DK:
 Tel: +45 88 300 300

 Milestone Systems US:
 Tel: +1 503 350 1100

 Milestone Systems Canada:
 Tel: +1 503 350 1132



### Milestone HUSKY™M20

#### Front and rear panel



- 2 x HDD bays
- 1 x PoE LED
- 1 x LAN LED indicator
- 1 x HDD LED
- 1 x Power LED



#### **Rear interfaces**

- 1 x Power switch
- 1 x Power input
- 1 x DVI / 1 x HDMI up to 1920x1200
- 2 x GbE RJ45 support PXE boot from LAN, wake on LAN function
- 4 x USB 3.0
- 1 x Line-out / MIC-in / Line-in
- 1 x eSATA (ASM1153E) 1 x Alarm I/O (4 in / 4 out, TTL 0/5V)
- Network switch: IEEE 802.3at RJ45 x 8/16 with status Left-yellow LED to link status on Right-green LED to display PoE

#### Selecting the right Husky M20

Days of	Number of cameras	
recording	8	16
7	0.4TB	0.6TB
15	0.7TB	1.3TB
30	1.3TB	2.5TB
45	2.5TB	3.8TB
60	3.8TB	
90		

Calculations for 20% motion-based recording for: 1080p @ 10fps 4CIF @ 60fps 5MP @ 4fps 720p @ 22fps

For more precise results, please use the Milestone Husky calculator.

#### Ordering information

SKU	Description
HM20-2T-8P	1x2TB, 8 licenses, G4400, 4GB RAM, 8-port PoE
HM20-4T-16	2x2TB, 16 licenses, i3, 8GB RAM
HM20-4T-16P	2x2TB, 16 licenses, i3, 8GB RAM, 16-port PoE
HMCL-4	Add-on licenses, 4-pack for -16 and -16P models
HMCP-XP	1 year Care Plus

#### **Specification**

Specification	
General	Detail
Form factor	Standalone, 2U-88mm rack-mount
	with optional rack mount kit
Type of deployment	Single or multi-unit setup
Dimensions	43(W) x 33(D) x 8.8(H) cm
Maximum number of comerce	16.9(W) x 13(D) x 3.5(H) in
Maximum number of cameras  Maximum recording rate	8 port: 8 / 16 port: 24 200 Mbit/s
	•
Maximum local display  Camera licenses included	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Add-on camera licenses	8 port: 8 / 16 port: 16
	4 pack to 16 port only Unlimited
Maximum number of users  Dual network interface cards	Yes
CPU	
CFU	8 port: Skylake G4400 16 port: Skylake i3-6100
Passmark	8 port: 3673 / 16 port: 5475
Operating system support	Windows 10 IoT Enterprise
Memory	8 port: 4GB / 16 port: 8GB
Integrated PoE managed	Optional, IEEE 802.3at
switch	PoE+ (250W total power),
	port lock, power management,
Storage system	10/100/1000BASE-T/Tx  Detail
Video storage	2TB / 4TB SATA
video storage	2 customer-serviceable HDD bays
Drive type	Western Digital Purple Drives
VMS/OS storage	64GB mSATA SSD
Video management system	Detail
VMS preloaded	Optimized XProtect Professional 201
Milestone Care Basic	Included
Milestone Care Plus	Optional
Hardware warranty	Three years included
Smart Start	Yes
Setup wizards	Yes
Supports ONVIF cameras	Yes
Codec support	H.264, MJPEG, MPEG4, MxPEG
Multiple video export formats	Yes
Pan-tilt-zoom (PTZ) support	Yes
Audio support	
* *	Yes, two-way
Third-party application support	Yes, two-way Yes
Third-party application support Milestone Interconnect support	•
Milestone Interconnect support	Yes
Milestone Interconnect support Customer Dashboard support	Yes Yes
Milestone Interconnect support Customer Dashboard support	Yes Yes, with Milestone Care Plus
Milestone Interconnect support Customer Dashboard support Electrical	Yes Yes Yes, with Milestone Care Plus Detail
Milestone Interconnect support Customer Dashboard support Electrical Power input	Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W
Milestone Interconnect support Customer Dashboard support Electrical Power input Maximum power consumption	Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W
Milestone Interconnect support Customer Dashboard support Electrical Power input Maximum power consumption Environmental	Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W  PoE: 500W
Milestone Interconnect support Customer Dashboard support Electrical Power input Maximum power consumption Environmental Operation temperature	Yes Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W  Potail 0~40°C
Milestone Interconnect support Customer Dashboard support Electrical Power input  Maximum power consumption  Environmental Operation temperature Storage temperature	Yes Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W  Petail 0~40°C -20°C ~70°C
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Milestone Interconnect support Customer Dashboard support Electrical Power input  Maximum power consumption  Environmental Operation temperature Storage temperature Humidity  Other	Yes Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W  Petail  0~40°C  -20°C ~70°C  10~90% relative humidity (non-condensing)  Petail
Milestone Interconnect support Customer Dashboard support Electrical Power input  Maximum power consumption  Environmental Operation temperature Storage temperature Humidity  Other Regulatory compliance	Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W  Petail 0~40°C -20°C ~70°C  10~90% relative humidity (non-condensing)  Petail  CE (class A), WEEE, FCC (class A), RCM, UL, VCCI, Mexico (CoC), South Africa (CoC)
Milestone Interconnect support Customer Dashboard support Electrical Power input  Maximum power consumption  Environmental Operation temperature Storage temperature Humidity  Other	Yes Yes, with Milestone Care Plus  Petail  Non-PoE: 100-240VAC~, 250W PoE: 100-240VAC~, 500W  Non-PoE: 250W PoE: 500W  Petail 0~40°C -20°C ~70°C  10~90% relative humidity (non-condensing)  Petail  CE (class A), WEEE, FCC (class A), RCM, UL, VCCI, Mexico (CoC),