◆ milestone | Kite™

Milestone Kite™

The simple way to secure your business

Milestone Kite is a simple cloud solution that delivers video security, access control, and smart analytics. It is easy to set up and can be managed from a centralized interface. Plus, updates are automatic and it can accessed from anywhere.

All this makes Milestone Kite the ideal choice for small, medium-sized and multisite businesses and institutions that don't have the time or IT skills to devote to management and security. It is also an open platform, meaning you are free to expand it as your needs change. There are 6,000+ compatible camera models and your solution can be enriched with video analytics.
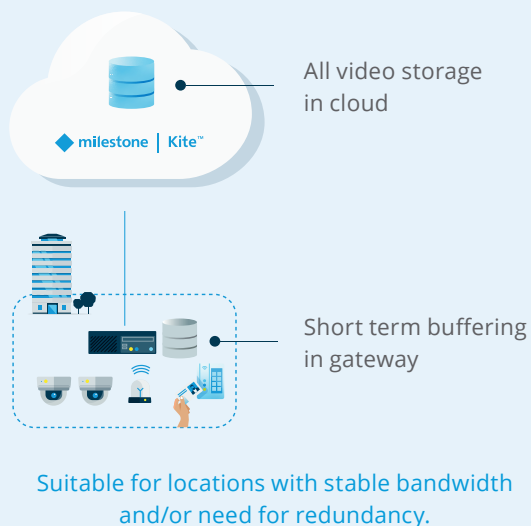
Hardware? Isn't this a cloud solution?

Yes! The Milestone Kite platform lives in the cloud and manages your data remotely. We use a small internet appliance called the Milestone Kite Gateway to keep things simple and connected. The gateway connects all your devices together and communicates the data to the cloud so you can manage your solution from anywhere, any time.

Which gateway should I choose?

There are two available solutions — cloud and edge storage — with the further option to mix the two to accomodate locations with varied bandwidth availability.

Cloud storage	Edge storage

All video storage in cloud

Short term buffering in gateway

Suitable for locations with stable bandwidth and/or need for redundancy.

No video storage in cloud

All video storage in gateway

Suitable for locations with limited band-width.

These tables are guidelines for the Kite Cloud or Edge Gateways.
They indicate how many channels a single gateway can handle per location.

Number of camera channels supported by the Kite Cloud Gateway

Resolutions	VGA - 4CIF	720p	1080p	3MP	4MP	5MP	6MP	4K/UHD
Camera Channels*	220	55	35	26	20	14	12	6

Calulated with 12 FPS, 10% compression and 30% motion/event based recording.
* The number of supported channels is independent of cloud storage retention time.

Number of camera channels supported by the Kite Edge Gateway

Retention time (days)	Channels per resolution type							
	VGA - 4CIF	720p	1080p	3MP	4MP	5MP	6MP	4K/UHD
≤30	150	42	27	20	16	11	9	4
45	130	33	21	15	12	8	7	3
60	100	24	15	11	9	6	5	2
90	65	16	10	7	6	4	3	1

Based on 1080p (10% compression) at 12 FPS and 30% motion/event based recording.

	Kite Cloud Gateway	Kite Edge Gateway
Form Factor	Dell Optiplex Small Form Factor	Dell Optiplex Small Form Factor
Storage	2TB (1.8TB Usable) SATA 6Gb/s | 7200 RPM Operating System on SSD	8TB (7.5TB Usable) SATA 6Gb/s | 5900 RPM Operating System on SSD
Maximum Throughput	90 MB/s*	70 MB/s*
Dimensions	Width: 93 mm (3.65") Depth: 290 mm (11.42") Height: 293 mm (11.53")	Width: 93 mm (3.65") Depth: 290 mm (11.42") Height: 293 mm (11.53")
Weight	Starting Weight: 5.25 kg (11.57 lb)	Starting Weight: 5.25 kg (11.57 lb)
Power Supply	200W Internal PSU	200W Internal PSU
Network Interface	1 x 1 GbE (RJ45)	1 x 1 GbE (RJ45)
Warranty	5 years	5 years
Environmental Operation	10–35°C (50–95°F) 20-80% humidity (non-condensing, max dew point temp = 26°C)	10–35°C (50–95°F) 20-80% humidity (non-condensing, max dew point temp = 26°C)
Certifications	Energy Star, RoHS, REACH, CECP, CEC	Energy Star, RoHS, REACH, CECP, CEC

* Assumes 1 channel connected