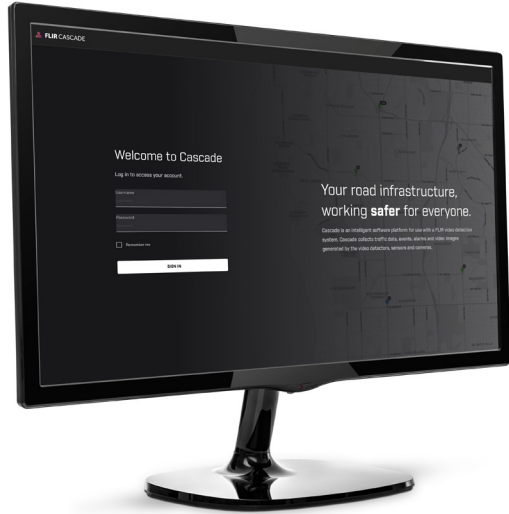




Intelligent Video Detection Management Software  
for Optimizing Urban and Inter-Urban Traffic Applications

**FLIR Cascade**

[www.flir.com/instruments/FLIR-Cascade](http://www.flir.com/instruments/FLIR-Cascade)



**Key Features**

- Easily manage road data, incident records, alerts, and video clips in one place, collected from up to 300 FLIR traffic sensors (standalone) or unlimited sensors (cluster installations)
- Make informed decisions that enhance roadway safety and efficiency thanks to intelligent event filtering
- Seamlessly integrate with other platforms—including SCADA, traffic management and regulation systems, and video management systems—using flexible, open architecture
- Rely on state-of-the-art cyber security to maintain data safety

**Main Applications**

- Facilitating better-informed decisions to reduce accidents and bottlenecks
- Optimizing road management
- Integrating with FLIR United VMS for a unified and effective solution

**SPECIFICATIONS**

	10-0181 FLIR Cascade Base Standalone license (lifetime)	10-0182 FLIR Cascade Base Cluster license (lifetime)*
<b>General</b>		
Supported on-premise operating systems	Rocky Linux 9.x or Red Hat Enterprise 9.x	Provided by FLIR
Recommended CPU per server	8 cores @ 2 GHz	
Recommended RAM per server	16 GB	
Recommended hard drive per server	1 × 500 GB SSD	2 × 500 GB SSD
Min number of servers	1	4
Max number of servers	1	Unlimited
Max number of managed devices	300	(number of servers - 2) × 300
Scalable and fault-tolerant	Dependent upon underlying virtualization infrastructure	Yes
Events and data retention	Configurable	
Images and clips retention	Configurable	
Supported web browser	Google Chrome, Firefox, Microsoft Edge	
<b>Integration Options</b>		
REST API	Yes, proprietary (documentation available upon request)	
OPC UA	Yes, with 10-0185 OPC UA Server plugin	
ModBus TCP	Yes, with 10-0184 ModBus TCP Slave plugin	
Email notifications	Yes, with 10-0186 Email plugin (requires access to SMTP server)	
Sound notifications	Yes, with 10-0187 Audio On Event plugin	
Remote digital IO management	Yes, with 10-0198 IO plugin for Moxa IOLogik devices (contact sales for list of supported models)	
Scripting functionalities	Yes, with 10-0201 Groovy Scripting plugin (complementary custom engineering services available upon request)	
Watts SDK (legacy FLIR ITS integration protocol)	Yes, with 10-0199 Watts SDK plugin (scope limited to features available with non-AI sensors)	
FLIR UVMS compatibility	Yes, using UVMS-dedicated FLIR Cascade plugin	

\*Only sold with 10-0188 and 10-0193 subscriptions

Specifications subject to change. For the most up-to-date specifications, please visit [flir.com](http://flir.com).

For technical or sales support, please visit:  
[www.flir.com/about/general-inquiries](http://www.flir.com/about/general-inquiries)

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FLIR-Cascade-Datasheet-LTR 24-0026-ITS

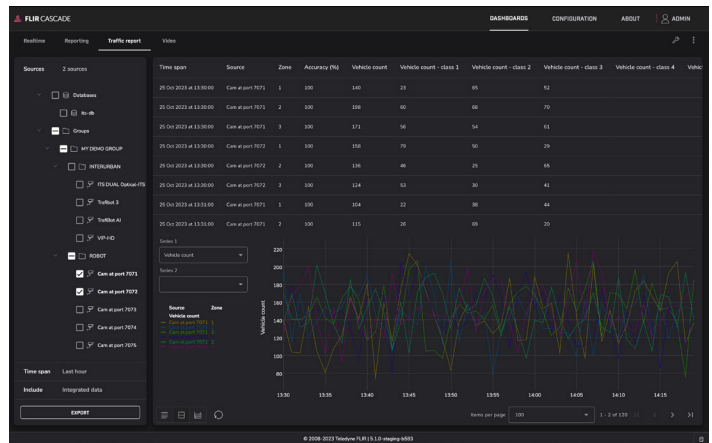
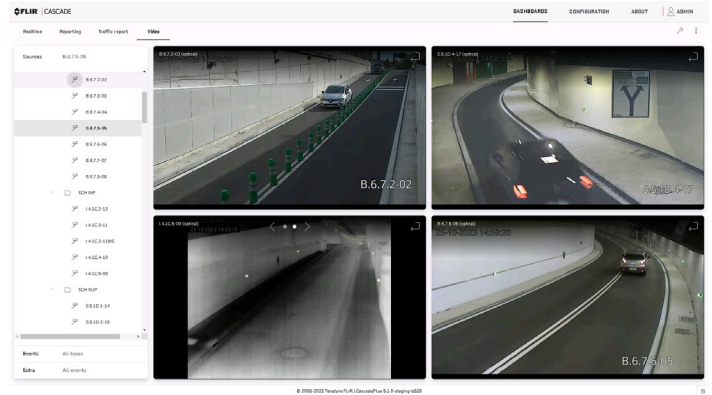


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**ORDERING INFO**

10-0176	FLIR Cascade Cloud 1 Sensor - 1 Year subscription
10-0181	FLIR Cascade Base Standalone License (lifetime)
10-0182	FLIR Cascade Base Cluster License (lifetime) – only sold with 10-0188 and 10-0193 subscriptions
10-0183	FLIR Cascade Channel License (lifetime)
10-0184	FLIR Cascade Modbus TCP Plugin Channel License (all devices in the system must be licensed)
10-0185	FLIR Cascade OPC UA Plugin Channel License (all devices in the system must be licensed)
10-0186	FLIR Cascade Email Plugin Channel License (all devices in the system must be licensed)
10-0187	FLIR Cascade Audio on event Plugin Channel License (all devices in the system must be licensed)
10-0198	FLIR Cascade IO Plugin Channel License (all devices in the system must be licensed)
10-0199	FLIR Cascade Watts Plugin Channel License (all devices in the system must be licensed)
10-0201	FLIR Cascade Groovy Plugin Channel License (all devices in the system must be licensed)
10-0188	FLIR Cascade and plugins SW Assurance 1 Channel - 1 Year subscription Software updates will be delivered until the next major version N+1.x.x release when purchase with N.x.x version. This subscription on N.x.x installations grants 50% discount on N+1.x.x licenses.
10-0193	FLIR Cascade and Plugins Support Per Channel - 1 Year subscription Requires 10-0188 Expert support is Cascade specific and requires remote access. It is available during EU open hours, and must be coordinated by global project support organization.



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