

ivideon
Cloud Video Surveillance

Ivideon Bridge

How to transform your traditional video surveillance system into a cloud system

www.ivideon.com



Video Surveillance as a Service (VSaaS): market prediction

The global IP video surveillance and VSaaS market will reach \$70 billion by 2024*

Key drivers of VSaaS growth:

- Increased demand for remote real-time surveillance
- Decreased hardware costs
- Increased demand for video analytics and mobility
- Technological progress

High potential and growth rates when compared to traditional video surveillance

How the cloud changes the business landscape



Optimize costs

Business costs stabilize and become predictable thanks to cloud services' transparent pricing plans. There are no hidden costs for configuration and hardware maintenance.



Business continuity

You forgo force majeure situations like server overloads or damaged hardware. Cloud-based providers guarantee access to their services 99.9% of the time.



Lower security risks

Cloud-based providers solve the whole spectrum of data security problems—from renting computing infrastructure to subscription services.



Quickly launch new projects

There's no need to spend time and resources on purchasing additional hardware, setting it up, and launching it.



Focus on business development

Integrating cloud-based business solutions relieves businesses from a range of development and configuration tasks, freeing them to focus on increasing business effectiveness and innovation.

Problems with traditional video surveillance systems



Lack of video analytics competency

When first installing a system, businesses lack specific requirements for video analytics. They often choose the cheapest option based on their installer's advice, and such options fail to meet the demands of a growing business.



Regular investment in modernization

Updating and modernizing hardware as part of integrating new functions is an expensive and labor-intensive process. Many vendors integrate video analytics only to large-scale projects.



Hardware incompatibility

Hardware from different manufacturers are almost always incompatible with one another. Businesses become dependent on hardware from one or another vendor.



Low productivity

Localized systems have slow broadcast and archive upload speeds. Additionally, they do not allow you to stream videos from any device, anywhere in the world.

Total system overhauls
are prohibitively expensive

Ivideon Bridge: Smart solution for smart video surveillance



Best in class devices for connecting any video surveillance system to Ivideon cloud

- Compatible with 98% of cameras' types
- One Bridge device connects up to 16 cameras and video recorders
- Configuration takes 5-10 minutes

Modern cloud video surveillance system with no additional costs

Ivideon Bridge: Advantages for your business



Low capital costs

There's no need to purchase new hardware—just connect existing digital and analog video recorders, IP cameras that support RTSP or ONVIF protocols.



Scalable and dependable system

Video is saved for up to 365 days and is not lost during outages. Clients have multi-user access with customizable permissions. As businesses grow, Bridge makes it easy to scale up by connecting additional devices to your network.



Unite various objects into a single account

Watch live videos from all cameras, access to archives and recordings through the internet using your mobile device or computer with any operating system: Windows, Linux, MacOS, Android, iOS

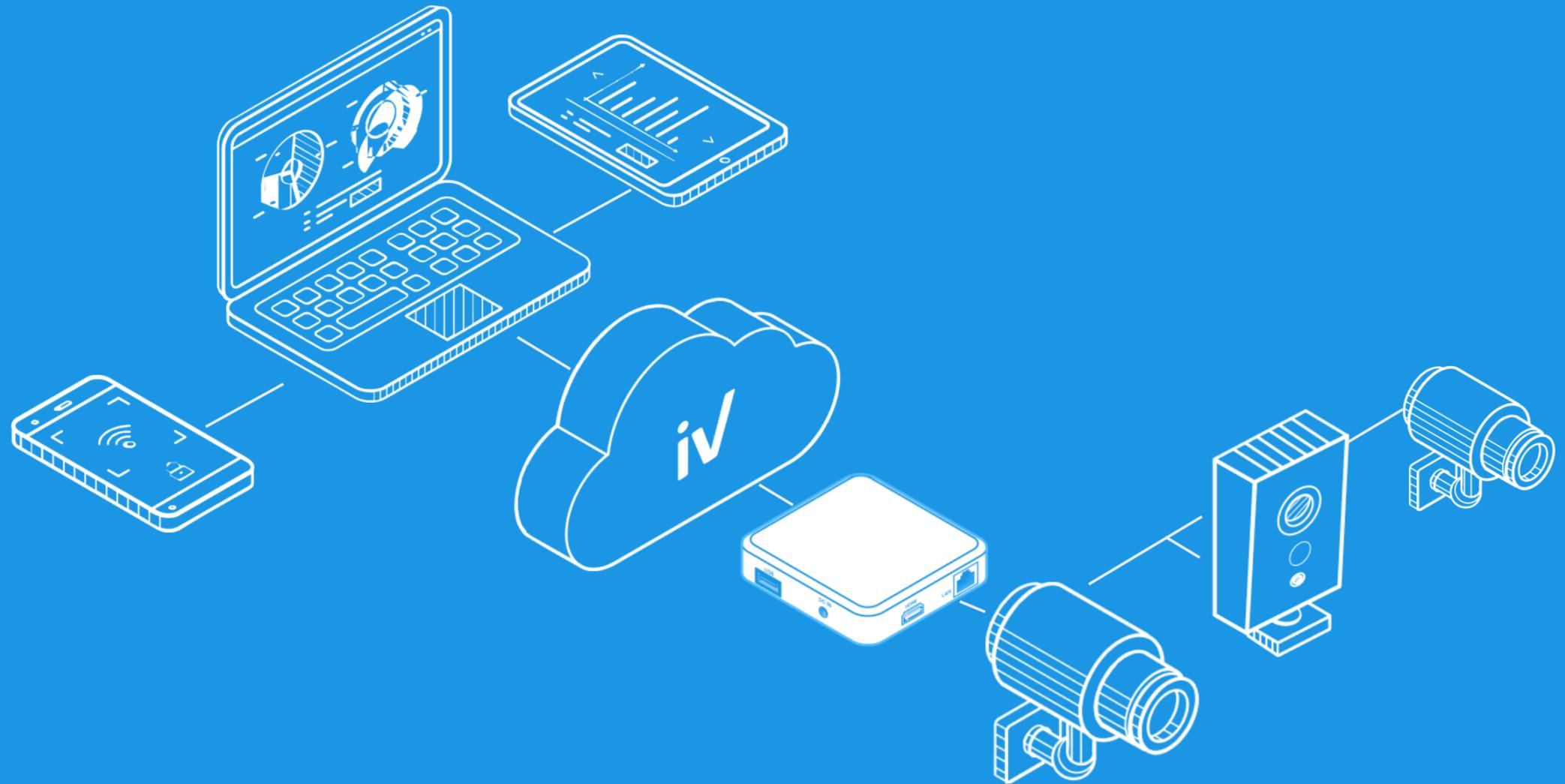


Smart video analytics

Search specified areas, count customers, prevent long queues and theft from cash registers, identify loyal customers and unwanted visitors, maintain accurate accounts of working hours

Ivideon Bridge: Three simple steps for connecting to the cloud

- 1 Register at ivideon.com and head to the web application
- 2 Add Ivideon Bridge to device list
- 3 Connect cameras to Ivideon in Bridge settings



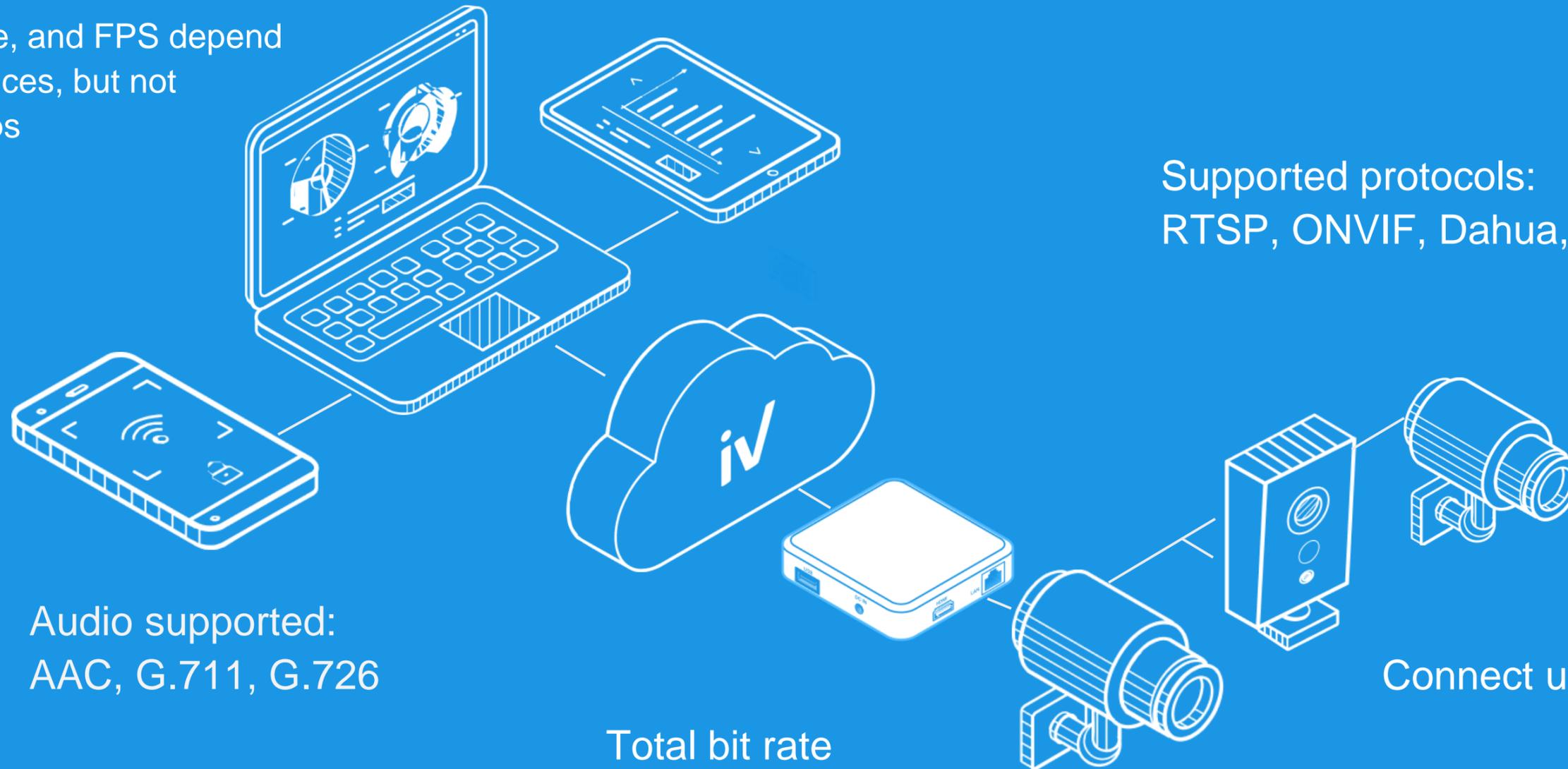
Enjoy your expanded video surveillance capabilities!

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Ivideon Bridge: Specifications

Support H.264 video

Resolution, bit rate, and FPS depend on connected devices, but not exceeding 32 Mbps



Supported protocols:
RTSP, ONVIF, Dahua, Hikvision ISAPI

Audio supported:
AAC, G.711, G.726

Total bit rate
not exceeding 32 Mbps

Connect up to 16 cameras

Ivideon Bridge: Specifications

Attributes	Value
Supported protocols	RTSP, ONVIF, Dahua, Hikvision ISAPI
Maximum number of devices that can be connected	any combination of 16 cameras or video recorder channels. Guaranteed stable operation of a total bit rate that does not exceed 32 Mbps
Supported video formats	H.264; resolution, bit rate, and FPS limited by the end device, though not exceeding a total bit rate of 32 Mbps
Supported audio formats	AAC, G.711, G.726
Size	W × L × H: 100 × 100 × 15 mm

Price of cloud-based video surveillance systems

Cloud camera	DVR	NVR/VMS	Bridge
Starting at \$60 per camera	Starting at \$30 per channel	Starting at \$50 per channel	\$6 per channel

Case №1: Apartment building



Problem

They installed video surveillance, but the equipment worked poorly, there was a risk of data loss, and residents did not have access to video. There had no funds for updating the equipment yet.



Solution

As an interim solution, Ivideon Bridge was installed to connect existing equipment to the cloud. Residents now have access to the archive of video records and can watch videos in real time.

Case №2: Construction company



Problem

To remotely monitor building sites different organizations installed cameras of various vendors that worked on multiple software versions and were serviced by different specialists.



Solution

Using Ivideon Bridge, all the sites are combined into a single account that is convenient to manage, remote access to the videos is provided at any time and the video archive is saved in the cloud.

Case №3: Financial organization



Problem

They use video surveillance, but this requires large resources to control the system, watch videos, and store it locally. They decided to switch to the cloud service.



Solution

Thanks to Ivideon Bridge, they were able to quickly and cost-effectively connect their existing equipment to the Ivideon cloud service. As a result, they can save on maintenance and access the latest video analytics.

Case №3: FinTech company



Problem

The company operating on the highly competitive market required new tools to improve customer service and decrease clients' churn level.



Solution

With help of Ivideon Bridge, they enhanced their current CCTV system with Ivideon cloud capabilities and received contemporary video analytics tools to analyze customers' behavior and increase customers' loyalty.

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Video surveillance through the Internet

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