

360° Surround view IN XEOMA



BRIEF DESCRIPTION

MORE FEATURES

FIELDS OF APPLICATION

360° Surround view

BRIEF DESCRIPTION

WHAT IS 360° SURROUND VIEW?

360° Surround View is a module in Xeoma, designed to stitch images from 4 wide-field cameras that cover the whole area around some object to get the bird view picture showing 360° view in one window.

ARTIFICIAL INTELLIGENCE IN XEOMA

Xeoma's 360° Surround View is the Additional module, based on Artificial Intelligence, with the help of which the program is able to stitch the video stream from four wide-field cameras, so that you can monitor the surrounding areas in one window with a panoramic view effect. This doesn't require any special equipment.



How Does 360° Surround View Work

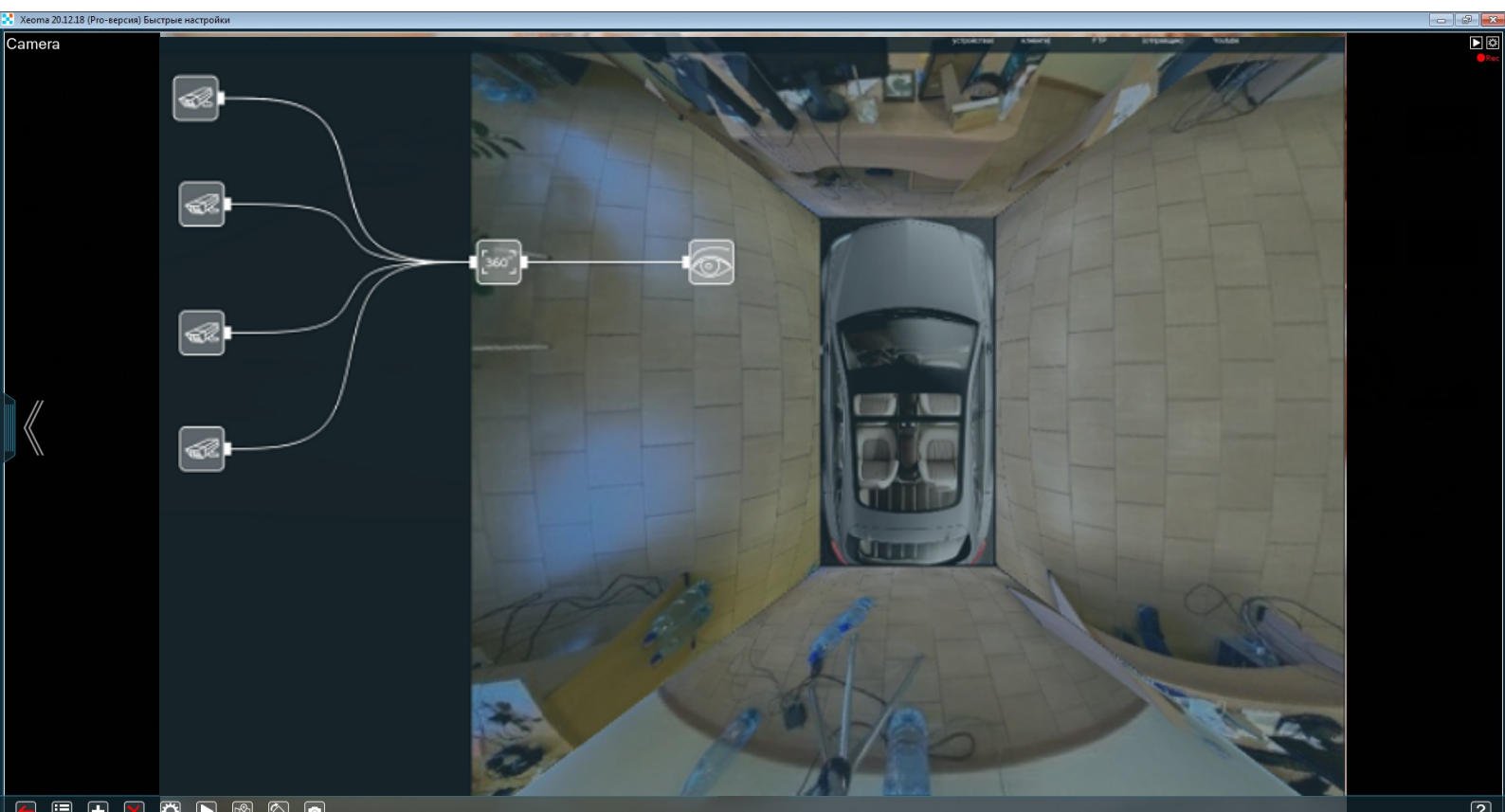
ARTIFICIAL INTELLIGENCE IN SIMPLE WORDS

AI AND NEURAL NETWORKS

Intellectual module 360° Surround View is based on the embedded knowledge patterns used by Artificial intelligence and neural networks to create the bird view effect.

WHY XEOMA'S 360° SURROUND VIEW IS BETTER?

- An ordinary modern computer can cope with the load from the feature. No dedicated computer or server is required for just this feature.
- The feature can work in machines with any of the supported operating systems: Windows, Linux, Mac OS X, Linux (ARM architecture), Android and even Raspberry!
- Affordable price: The feature is available with the Additional lifetime license that can be used over Xeoma Pro professional edition or even the basic Xeoma Standard edition.



Pricing

AFFORDABLE 360° SURROUND VIEW IN XEOMA

360° SURROUND VIEW MODULE* **\$1499.95**
PURCHASED PER NUMBER OF SUCH
4-CAMERAS OBJECTS

XEOMA STANDARD LICENSE* **\$93.95 USD**
FOR 4 CAMERAS

*PERPETUAL LICENSE



Fields of application

WATER TRANSPORT



The module will help you get a full view around your yacht/boat to better control the situation during your trip. Also suitable for other types of transport.

Xeoma can also use additional features that a camera provides through ONVIF. These can be turning on/off IR-illumination of the camera or a camera wiper, etc. The new icon can be found in the PTZ control menu available in the Single Camera View window.

Integration with third-party applications is possible. Share your ideas with us, and we will gladly help you bring them to life!

**FOR MORE INFORMATION PLEASE VISIT
WWW.XEOMA.COM**

Fields of application

VEHICLES



Install 4 mini cameras on your car and take full control of the road. The 360° Surround View system provides your car with safe parking, maneuvering capabilities and crossing blind intersections. Absolute control of everything that happens around your vehicle.

Parking radars or recorders cannot guarantee you one hundred percent view without "blind spots", but Xeoma's 360° Surround View module allows you to fully control the space around your car.

The module will also be relevant for armor plated SWAT vans, as well as for cash-in-transit vehicles, for which it is essential to see the environment in 360 degrees for more enhanced control of the situation.

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Fields of application

BUSINESS



If you are an owner of a big shop, warehouse or other business, the module will help you view the territory of your premises and monitor the work of your staff.

You can greatly facilitate the work of a video surveillance operator by using Xeoma's 360° Surround View module: it allows you to view images from 4 cameras in one window, which is especially important for large enterprises where several hundred cameras are installed.

With the help of the Xeoma's 360° Surround View module, you will not lose sight of anything: be alert with our high profile video surveillance software Xeoma. Mobile notifications and other reactions will keep you always up to date on events at your enterprise, even if you are in another city or country.

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Fields of application

PRODUCTION



View the large territory of your production facility even easier with the 360° Surround View module!

Manufacturing and industrial facilities regularly have a large territory, but thanks to Xeoma's 360° Surround View module, viewing a large number of cameras will become easier, because this module allows you to stitch the video stream from four cameras into one window!

Often, an industrial enterprise creates a unified security system for all cameras covering the territory, which includes, in addition to video surveillance, an access control system and security and fire alarms. This means that the video surveillance system should be easily integrated with external systems.

Xeoma has the ability to integrate with external systems and third-party applications. Also many additional features are available. Details below.

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More AI-based features in Xeoma

IN XEOMA

SLIP AND FALL DETECTOR

Use the Slip and Fall Detector to detect accidents while sailing on your yacht. The module will also be useful for business owners to settle amicably a situation if a client slipped and fell on the territory of their enterprise.

SEABIRD RECOGNITION

Seabird recognition is used on fish farms and on marine fishing vessels to detect and repel seabirds in a timely manner, reducing profit losses.

SOUND EVENTS DETECTOR

This module is designed to recognize 5 types of sound events: glass break, alarm, baby cry, screams and gunshots. With this functionality you can guarantee safe trip to the passengers of your cruise ship and be sure that you'll be able to react quickly to any emergency situation.

FACE RECOGNITION

This module is meant for detection of human faces in the cameras' field of view. It can be used to detect excessive presence of people where they are not supposed to be or, in reverse, detect if there is insufficient staff.



More AI-based features in Xeoma

OBJECT RECOGNITION, EMOTIONS RECOGNITION, DEMOGRAPHICS AND MORE

EYE TRACKING

This module allows your video surveillance system to detect the direction of a person's gaze. It does not require special equipment or sensors. The Eye Tracking feature can be used for contactless access control to areas, entering to which is allowed only to authorized persons.

PARKING SPOTS

This module is used to automatically determine and update the status (empty/occupied) of spaces in a parking lot or in a cinema. It can be used to find free spaces in the harbor for mooring a vessel, as well as to monitor the presence of employees in the workplace.

DEMOGRAPHICS (AGE, GENDER) AND EMOTIONS

"Face Detector (Emotions)" can recognize 7 basic human face expressions: happiness, sadness, disgust, surprise, neutral expression, fear and anger.

"Age Recognizer" uses neural networking technologies to effectively, quickly and easily display the most possible age of a person or persons in the camera's field of view.

"Gender Recognizer" is an AI-based module in Xeoma that can detect a person's gender in real-time.



More AI-based features in Xeoma

ДРУГИЕ ВОЗМОЖНОСТИ

**VEHICLE LICENSE PLATE
RECOGNITION**

**FACE ID - DUAL
AUTHENTICATION WITH QR
CODE OR SMART CARD**

MASK DETECTION

**CONSTRUCTION SITE
SAFETY**

HEAT MAP

**DETECTOR OF ABANDONED
OR MISSING OBJECTS**

SMOKE AND FIRE DETECTION

TEXT RECOGNITION

VISITORS COUNTER

PRIVACY MASKING

LOITERING DETECTOR

**FREE ANDROID AND IPHONE
/IPAD APPS**

**+ ANY FEATURES YOU
REQUEST**





See more at www.xeoma.com
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