

LOGIPIX ONE

1 inch sensor

provides better image quality

14 MP

high resolution recording

more detailed
more dynamic

20 FPS at full resolution
for continuous motion picture



LOGIPIX ONE

LOGIPIX is proud to announce that it's latest camera development, the LOGIPIX ONE just arrived.

The brand new camera has a one inch size sensor that provides 14 MP resolution. Owing to the sensor size the new LOGIPIX camera can truly make a difference in the quality of video surveillance.

The larger sensor means more detailed images with sharper edges and improved low-light performance. Able to gain more light information, LOGIPIX ONE is capable to provide images with less noise and better dynamic range even in poor light conditions. Image quality step is not the only benefit that comes with the new device. It produces a 20 fps video stream at full resolution, therefore any motion in the footage appears to be continuous. LOGIPIX ONE is undoubtedly a state-of-art multi-megapixel camera with the ability to revolutionize the video surveillance industry.

LOGIPIX ONE APPLICATION AREAS

LOGIPIX ONE is designed to satisfy several tasks that are being really complex in the world of video surveillance.

HUGE CROWDS IN CONTEMPORARY SPACES

The device is ideal to monitor huge areas where a large number of people gathers together. It doesn't matter that light conditions are variable or stable, owing to its one inch size sensor the camera captures stunning images wherein every detail is an accurate imaging of reality. Faces are recognizable even from far distances and tiny, but more important picture elements are prominently seen. In modern urban spaces, airports, stadiums and concert venues, where numerous people are crowding, security is always a challenge. Thanks to the abilities of LOGIPIX ONE, these areas could be safer than before.

MORE ACCURATE VCA, LESS WORKLOAD ON OPERATORS

LOGIPIX ONE creates a high frame rate video stream with enormous resolution, therefore object tracking and video content analysis can be more accurate. The camera increases the reliability level of VCA systems, as much less error appears during automated violation detection methods.

LICENSE PLATES IN MINUTE-DETAILS

Capturing license plates at a busy junction or even on the highway is an easy task for LOGIPIX ONE, no matter if it's day or night. The camera offers sharp and detailed images of license plates in extreme situations, even when blinding headlights are pointing into the lens.

FEATURES OF LOGIPIX ONE

After a point the value of megapixels doesn't matter. What really counts in picture quality improvement is the size of the image sensor. At the heart of LOGIPIX ONE a cutting-edge 1 inch sensor sits and serves the camera to capture stunning images. It has a 14 MP resolution and owing to its larger size, the camera provides more detailed images with sharper edges and improved low-light performance.

Able to gain more light information, LOGIPIX ONE is capable to provide images with less noise and enormously wide dynamic range even in low-lit environments. Image quality improvement is not the only benefit that the device brings.

It produces a 20 FPS video stream at full resolution, therefore any motion in the footage appears to be continuous. The camera uses the scalable JPEG2000 compression standard, and transfers the images through a Gigabit port. 1 inch sensor had never been used in security cameras before. LOGIPIX ONE is undoubtedly a state-of-art multi-megapixel camera that is ready to revolutionize the video surveillance industry.



OPERATION MODES OF LOGIPIX ONE

LOGIPIX ONE may contain three different filters according to its design with which the camera achieves better optical performance in extreme environments or it becomes suitable for special tasks. For 24h video security LOGIPIX ONE can operate as a DAY/NIGHT camera. In this case the camera body contains an automatically movable IR-filter in front of the sensor to filter out the undesirable long wavelength lights during the day, but to make use of the IR lights in the dark. LOGIPIX ONE with IR pass filter provides monitoring in extreme situations when only IR lights are valuable. In these cases the camera works in smart cohesion with an IR flash, that lights the observed object. Visibility Enhancement filter helps LOGIPIX ONE to capture stunning images within poor visible conditions.

LOGIPIX IR FLASH

In extreme situations when only IR lights are valuable in the aspect of monitoring, the IR flasher ensures the appropriate lighting to capture clear and sharp images. Our self developed IR flasher works in smart cohesion with the LOGIPIX camera, which contains a built-in IR pass filter. The device lights the monitored object at every recorded frame with configured parameters. The light of the IR flasher is focusable in order to best adapt to the angle of view of the actual lens on the camera.

