TRASSIR®

Smart solution
for educational institutions

TRASSIR TODAY

19 YEARS
OF EXPERIENCE IN
CCTV SURVEILLANCE

1700+
LOYAL CUSTOMERS
ALL OVER THE GLOBE

30%
COMPOUND ANNUAL
GROWTH RATE

22
COUNTRIES
OF TRASSIR
INSTALLATIONS

TOP-10 COMPANIES
IN EMEA

RATED AMONG THE
GLOBAL CCTV COMPANIES

TOP-30

TRASSIR
CCTV ECOSYSTEM

HARDWARE

NeuroStation 8800R/ 160-A8-S

Network video recorder for IP cameras running TRASSIR OS (Linux) with increased power for processing video analytics based on neural networks (purchased separately): Face Recognition, AutoTRASSIR, Neuro Detector, Crowd Detector, Direction Detector , Wear Detector, Hardhat Detector, Neuro Counter, Queue Detector, Staff Tracker, Face Mask Detector, Social Distance detector. Record, playback up to 160 IP cameras (licenses for connecting IP video cameras are purchased separately), if DualStream is available (total stream up to 720 Mbps). Connect up to 3 monitors. Installation of up to 8 HDD 3.5 ". Can be installed in a 19" rack, 2U. Offload analytics support (receiving and processing images transmitted from other TRASSIR servers).

Video server able to join to existing CCTV environment and do centralization and administrative functions and video analysis processing as well.
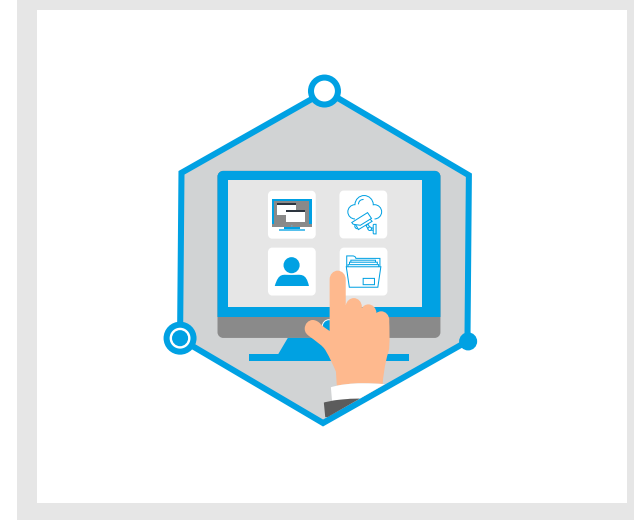
SOFTWARE

TRASSIR AnyIP

TRASSIR AnyIP — TRASSIR software for display, recording and playback of 1 any IP-camera (Native SDK, ONVIF and RTSP). All the features of camera are included (if supported): main stream and substream, video analytics, two-way audio, I/O, PTZ, Edge Storage. Up to 300 cameras per 1 server. Unlimited multi server connection and unlimited remote client connection. Remote client apps: Windows, MacOS. Mobile apps: Android, iOS. Interactive search technology ActiveSearch, interactive maps are included. Free TRASSIR Cloud online service is included (http://cloud.trassir.com/): monitoring of multiserver system (connection to server, cameras, archive, CPU status and others), email notifications, user management (control of level of access among all TRASSIR servers). Cloud recording is optional. Price per channel. USB-dongle is not included.

Able to connect to any IP camera of any manufacturer (via OnVIF and RTSP).

TRASSIR ActiveSearch

ActiveSearch is an archive search tool that provides:
the highest search speed throughout the archive;
search for motion in a specific area with specified parameters;
flexible adjustment according to the specified parameters (speed of movement, size of the object, duration of movement, exact time);
the ability to view the archive in the search window;
convenient interactive search and the ability to search by typical templates or by a specific time interval.
TRASSIR ACTIVE SEARCH is an interactive archive search system based on metadata.
- Navigation through storage of all sizes to find the necessary video data;
- Incident analysis. Ability to specify a search area in the image.

TRASSIR Plans

TRASSIR Plans — Multi-level maps software module for TRASSIR. Map reflects cameras, servers, other system objects.
TRASSIR allows you to organize video surveillance using a map - a graphical 2D plan of a room on which you can place video cameras, as well as other objects (for example, access control system devices). In TRASSIR, you can create several maps, each of which will cover, for example, a floor of a building or a group of rooms.
Able to connect to any IP camera of any manufacturer (via OnVIF and RTSP).

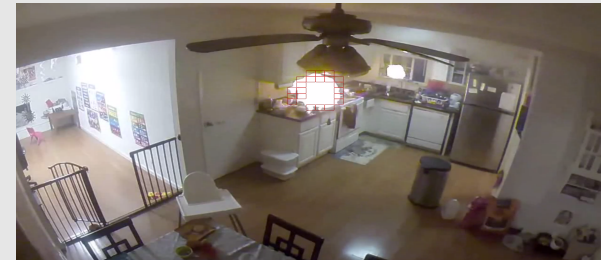**TRASSIR Sabotage Detector**

TRASSIR Sabotage Detector — video analytics, that detects sabotage: defocusing effect, field of vision changing, object-glass closing or light striking, connection fault, signal losing. Incident reaction tuning capability, for example: audio signal and/or message, alarm, contacts control.

Security: automatically detects any problems with the camera image. Reports image issues: camera defocus, change in the angle of view, lens flare or covering, link interruption, loss of the signal.
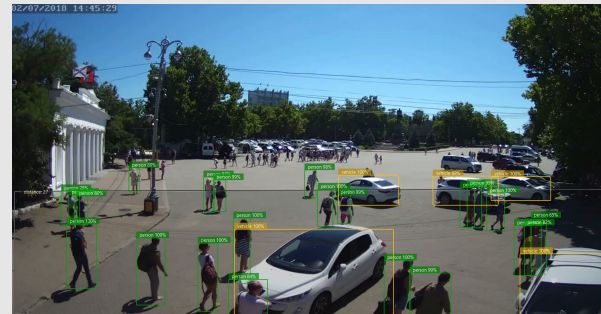

TRASSIR Fire/Smoke Detection

TRASSIR FIRE & SMOKE DETECTOR based on the image analysis allows to detect smoke and fire faster than fire sensors.

TRASSIR Neuro Detector

TRASSIR NEURO DETECTOR allows to detect intrusion into a protected area by a stranger, a car or a bicycle with the advanced filters.

Security task: perimeter control tasks restricted area managemen.

TRASSIR Face Recognition

TRASSIR Face Recognition - Face recognition in a pre-configured database. Include Face Search, Face Detector. The module allows you to create a database for further verification of each detected person in real-time mode. Price per 1 channel regardless the size of database.
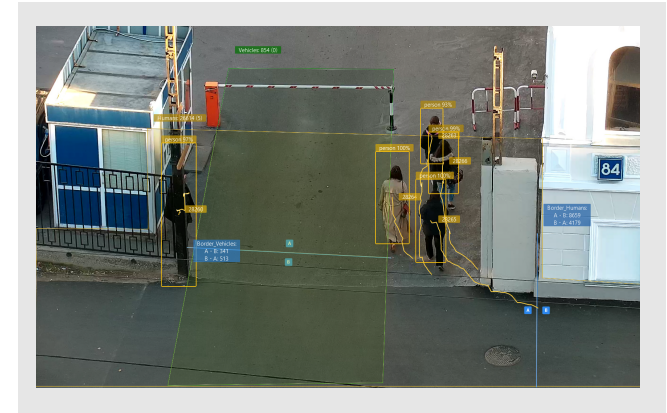
Person accounting: Face Recognition to manage student/professors/ staff flow. With integration with current ACS able to provide a complex solution on entrance/exit to make a persons accounting.

- Parents notification, accounting of study / working time

TRASSIR Neuro Counter

Neuro Counter intelligent video analytics based on neural networks is designed for counting objects (people, cars, bicycles). It allows you to detect and count the objects crossing the line or certain zone with a very high accuracy. Additionally TRASSIR Neuro Detector allows you to exclude the employees from the statistics based on the color of clothes.

TRASSIR Face Mask Detector

The Trassir Face Mask Detector module is intended to control compliance with security measures of wearing medical masks as personal protective equipment. The price is for 1 channel. Runs only on Neuro Station line.

Public Safety management:
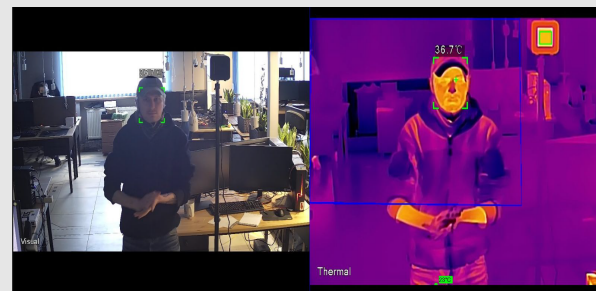Helps to control persons who's not wearing the protective mask.

At least 1 entry point should be activated. Potentially all Public halls, cafeteria.
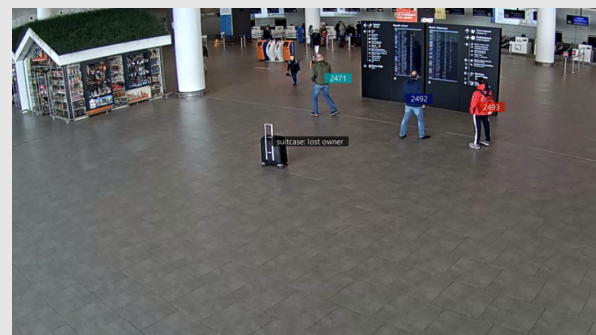

TRASSIR Thermal Camera

The Trassir Thermal Camera module is intended to connect a thermal imaging camera to Trassir OS. It displays not only video data, but also the information of changing the body temperature of a person.The price is for 1 channel.

Possible to detect high temperatured student f-ever screening.

TRASSIR Left Object Detector

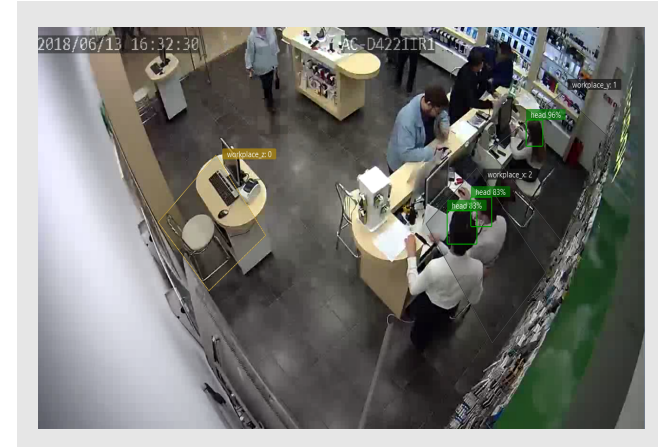TRASSIR Left Object Detector - Module for abandoned objects detection.

WorkPlace Detector

Allows you to set the working area and schedule of the employee as well as the exact time of absence of the employee at the workplace. Generates a notification if the time of absence of an employee at the workplace is exceed the specific time. The module allows you to create a report and get information about how long the employees spent time at the workplace and how often they were absent.

TRASSIR WORKPLACE DETECTOR tracks a person's absence from the workplace.
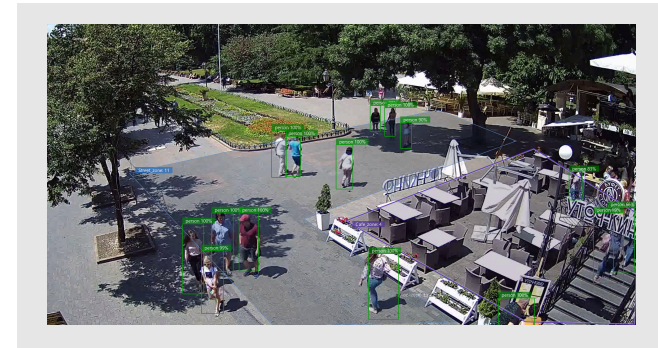Alarm notification via email or sms in the absence of the worker.
Daily reporting on employee's actual time on site and time off.

Crowd Detector

TRASSIR Crowd Detector - Detector of excessive crowds with a custom threshold (number of people) for use in security. Based on neural networks, reduces false positives taking advantage of the modern neural network technologies with a very high accuracy. Runs only on the TRASSIR NeuroStation. Offload analytics is possible (data transmission from multiple TRASSIR servers to central server). The price is for 1 channel.

Public Safety management: Automatic reporting: number of people, minimum time spent in the crowd, etc.

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Contacts

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Hardware Catalog

Video Management Software Catalog

Success Cases