

Tral Patrol 2

Online video surveillance system

Automatic tracking system Tral Patrol 2 – is a feature-rich device intended for online video surveillance at the square of 1 hectare.



Operating principle

Tral Patrol 2 automatic tracking system automatically focuses on the object of motion multiply zooming it, providing personal recognition within the radius of 100 m.

To focus to a moving object the system uses stationary cameras, from which the video signal is analyzed and the motion fields are estimated. The system ranges the moving objects in order of importance according to the priority observation areas set by the user. The RTZ camera is focused to the object in the highest priority area. Although the detector tracks all moving objects, the dome can track only one or a few in turns, dividing the observation time proportionally.

Application

The system will operate most effectively at closed facilities where individual entries are needed to be tracked.

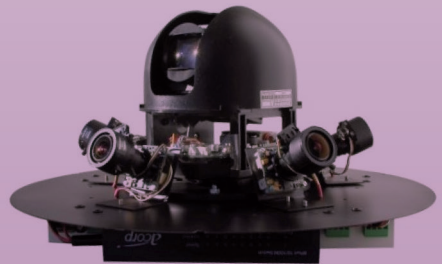
Main competitive advantages:

- Controlled camera focuses automatically on the moving object multiply zooming it and ensures recognition of a man's face within the radius of 100 m.
- The device settings allow specifying priority zones
- The tracking system provides area surveillance at the square of 1 hectare (the detailing is similar to the standard camera picture from 3-5 meters)
- The device has two modes: Day and Night, depending on the level of illumination
- Tral Patrol 2 requires minimum number of settings when performing self-supporting installation
- The detector can be supplied either separately or as a constituent part of the system
- The system provides 24/7 work without operator control

Modifications:

Tral Patrol 2 design styles 4-1, Tral Patrol 2 design styles 3-1

Tral Patrol 2 System is a dome temperature-proof housing of street design including high-speed dome camera, 4 review cameras, 3 detectors Tral Patrol, 1 Tral Patrol Master, video server Tral 5, network concentrator and power supply block. All the elements represent a whole optic and mechanical node which is fully ready to be installed. It requires no setting or overlapping of fields of vision between dome and review cameras. The user needs only to mark the priority observation areas, specify the desired standstill position and the main installation parameters.



Technical characteristics:

	Tral Patrol 2 design styles 4-1	Tral Patrol 2 design styles 3-1
Look-up angle	360°	210°
Number of built-in cameras		
Review	4	3
Operated	1	1
Man identification range	60 m	60 m
Video output interfaces from built-in operated camera	Analogue, television resolution Digital, Fast Ethernet 10/100 Base-T	

Compressed video parameters:

- Compression: H.264 or MPEG4
- Frames per second: 25
- Resolution: 704x576 (deinterlacing)
- Switch colour/b&w: automatic
- Video stream saving: SDHC-card, USB-Flash/HDD, external NAS
- Software: MultiVision 2

Power consumption

- Voltage: 12 V
- Power consumption (heating not included): less than 18 W
- Power consumption with heating included: less than 36 W

Dimensions

- Diameter: 226 mm
- Height with attachment fitting
- Operating temperature range: -30°C...50°C
- Weight: 6,7 kg
- Guarantee: 1 year of 24-hour operation

