

“Informer-M” Fast-Deployable Video Surveillance System

“Informer-M” is intended for real-time surveillance of long perimeters and borders. The system consists of inline and station parts.

Inline part includes equipment deployed along the secured perimeter or border to provide video surveillance and data transmission to workstations at station part. Inline part consists of power supply, cameras, inline unit and connecting cables.

Inline part does not require any special mounting equipment for assembly.

Inline units and cameras are attached to the available masts, trees by special flexible brackets. Inline part is connected by ruggedized cables without need of special cabling or fasteners.

Station part includes indoor equipment and includes video server with preinstalled software to process, store and display camera streams.

The system operates in two modes:

- Manual mode when operator views cameras from station part;
- Automatic mode when the system automatically alerts operator about intrusion.

The system alerts the operator by light and sound when:

- Intruder has been detected;
- There are malfunctions in inline or station equipment;
- Inline voltage drops;
- Camera signal is lost;
- One or more units signals is lost.

Basic scope of supply:

- “Informer-M” server – 1 pc.,
- LED monitor 22” – 2 pcs.,
- CVD-570 unit – 5 pcs.,
- CVD-571 unit – 10 pcs.,
- DVS-581 camera – 5 pcs.,
- CVD-10312 power supply – 1 pc.,
- CVD-577 cable – 14 pcs.,
- CVD-578 cable – 1 pc.,
- CVD-579 cable – 1 pc.

Extension sets can be supplied additionally upon customer’s request.

Additional inline part extension set adds another 450 meters of secured perimeter.

One system supports up to 3 extension sets with overall perimeter length up to 1800 meters.

Inline part extension set includes:

- “Informer-M” server – 1 pc.,
- LED monitor 22” – 2 pcs.,
- CVD-570 unit – 5 pcs.,
- CVD-571 unit – 10 pcs.,
- DVS-581 camera – 15 pcs.,
- CVD-577 cable – 15 pcs.,
- SBK8 Ethernet 100 Mbit switch – 1 pc.,
- Ethernet cable – 2 pcs.

Spare parts kit:

- CVD-570 unit– 1 pc.;
- CVD-571 unit– 1 pc.;
- DVS-581camera – 1 pc.;
- CVD-577 – 1 pc.;

Specification:

Name	Value
Max secured perimeter length by basic set, m	450
Max secured perimeter length by extension set, m	450
Number of additional extension sets, pcs.	3
Max secured perimeter by basic set with three extension sets, m	1800
Manual intruder detection	Yes*
Automatic intruder detection	Yes *
Intruder detection rate at 0.8 confidence level	0,9*
Intruder velocity range for manual and automatic detection, m/sec	from 0,1 to 5
Max mast diameter for inline equipment, mm	400
Mast from	any
Camera mounting height, m	from 2 to 3
Input AC voltage, V/Hz	220/ 50
DC voltage, inline part, V	60
Cameras DC voltage, V	12
System operating time	24/7
Operating temperatures, °C - inline part - Station part	from -40 to +50 from +5 to +50
Average lifetime, years	7

* Fulfillment conditions are given in Table 1

Table 1

Condition	Value	
	For intruder detection	
	In manual mode	In automatic mode
Max rain intensity, mm/h	15	15
Max snow or hail intensity, mm/h	5	1
Max wind speed, m/sec without moving objects within detection zone	25	25