

SDP-8082

Long-range video camera



STVF.426459.036

PURPOSE

SDP-8082 long-range camera is designed for professional 24/7 surveillance of large open areas and surrounding terrain of secured facilities.

FIELDS OF APPLICATION

- video surveillance systems
- as part of integrated facility security systems

VERSION

- the product is encased in an all-weather metal casing containing a motorized lens, video module in the casing and connector boards
- the product is equipped with an intelligent heating system
- the camera is mounted on a pan/tilt unit in combination with the thermal imaging camera

FEATURES

- converting the image transmitted through the product lens to a sensing element into an electrical signal
- switching from color to black-and-white in low light conditions
- automatic tracking of a moving object
- pointing control

PECULIARITIES

- StilVL telemetry and control protocol support
- uninterrupted non-stop operation

- remote web-interface administration

SCOPE OF SUPPLY

Name	Quantity
✓ SDP-8082 Long-range video camera	1 pc.
✓ Mounting set STVF.425951.036	1 set
✓ Operating guidelines*	–
✓ Passport	1 copy.
* The operating guidelines are supplied in a single copy when shipped with a batch of products or as part of a system. For single deliveries, the operating guidelines are supplied for each unit.	
Operating guidelines available at: http://stilsoft.ru	

RELIABILITY AND WARRANTY

- Warranty operation period - 2 years.
- Assigned operation period - 8 years.

TECHNICAL PARAMETERS

Parameter name	Value
Video camera	
Matrix	1/1,8" CMOS
Resolution, pix.	2592x1944
Sensitivity, Lux	(COLOUR) - 0.01 / F1.2 (B/W) - 0,001 / F1.2
Lens mount type	C/CS
Electronic shutter speed, s	1-1/50,000
Day/night mode	Mechanical IR filter with auto switch
Wide dynamic range (WDR)	Yes (120 dB)
Three Dimensional Noise Reduction (DNR)	Yes (3D)
Lens	
Lens	Motorised zoom
Focal length, mm	from 8 to 120
Aperture range (F-stop)	1,8-360
Field of view angle, deg.	
- diagonally	52,9-3,8
- horizontally	43,2-3,1
- vertically	32,8-2,3
Compression standard	
Compression format	H.265
Transfer rate	200Kb/sec - 12MB/sec
General	
Minimum surveillance range, m (minimum)	50
Target detection range, m (maximum)	
- human type	2000
- vehicle type	3000
Target recognition range, m (maximum)	
- human type	2000
- for "vehicle" type	3000

Parameter name	Value
DC power supply voltage, V - video camera - additional heating	12±10% 24±10%
Power consumption, W - video camera - internal heater	6 (max. 9 on IR filter switching on) 30
Operating mode	continuous
Operating temperature range, °C	from -40 to +50
Overall dimensions, mm (maximum)	586x186x166
Weight, kg (maximum)	11

CONNECTION

Connector pin designation

# contact	Designation
1	ZOOM +
2	ZOOM –
3	FOCUS +
4	FOCUS –
5	General
6	DF
7	DZ
8	+3,3V
9	Rx+
10	Rx–
11	+24V
12	–24V
13	not active
14	–12V
15	+12V
16	Tx+
17	AUX1 (heating)
18	AUX1 (heating)
19	Tx–

Default settings:

IP address	172.16.16.194
Subnet mask	255.255.255.0
Login	admin
Password	admin



Developed and manufactured in Russia

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