

SDP-8319M

IP-thermal imaging camera



STVF.426459.112

PURPOSE

SDP-8319M IP-thermal imaging camera is designed for professional 24/7 thermal range video surveillance.

FIELDS OF APPLICATION

- professional video surveillance and automatic detection systems
- as part of integrated facility security systems

VERSION

- high-efficiency microbolometer-based uncooled camera enclosed in a shock-resistant, vandal-proof hermetic enclosure
- includes a bracket for mounting the IP thermal imaging camera on horizontal or vertical surfaces

FEATURES

- continuous video surveillance in total darkness without additional lighting equipment
- ensuring clear imaging due to high sensitivity uncooled detector

PECULIARITIES

- adaptive system of automatic image brightness and contrast correction improving the IP thermal imager's detection capabilities and enhancing the representativity of the acquired image
- remote control of thermal imager via network interface

SCOPE OF SUPPLY

Name	Quantity
✓ SDP-8319M IP- thermal imaging camera	1 pc.
✓ Impact anchor 6x40 (countersunk)	3 pcs.
✓ Ziplock bag	1 pc.
✓ Packaging type 16.1	1 pc.
✓ Passport	1 copy
✓ Operating guidelines*	–
* 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 operating period – 2 years.
- Assigned operating lifetime – 8 years.

TECHNICAL CHARACTERISTICS

Parameter name	Value
Detector	Uncooled microbolometer matrix
Spectral range, μm	8-14
Video resolution	384x288
Frame rate, Hz	25
Pixel size, mkm	25
Matrix resource, h	25000
Digital zoom	up to 4x
Optics	Crystal germanium lens with antireflection coatings
Lens	Fixed
Lens focal length, mm	19 F0,9
Field of view, $^{\circ}$	28,3x21,5
Compression standard	H.264, MPEG-4, MJPEG
Continuous operation time, h (minimum)	2900
Time of setting of operation mode, min (maximum)	5
Mode control	Palette (black and white, inverted black and white), NUC
Network interface	10BaseT/100BaseTX Ethernet (RJ-45)
Detection and recognition of human/vehicle targets in dark conditions, m (maximum)	550 / 700
Threshold sensitivity to temperature difference, $^{\circ}\text{C}$	0,1
Color shade deviation from actual value, $^{\circ}\text{C}$	± 1
Acceptable dead pixels, % (maximum)	1
Supply voltage of direct current, V	12
Power consumption, W (maximum)	3,5
Operating temperature range, $^{\circ}\text{C}$	from -40 to +50
Overall dimensions, mm (maximum)	$\varnothing 100 \times 331$
Weight, kg (maximum)	2,5

CONNECTION



Default settings

IP address	172.16.16.20
Login	root
Password	pass



Developed and produced in Russia

+7 (8652) 52-44-44
www.stilsoft.ru