

# SDP-883

## Pan-tilt unit



STVF.426459.074

### PURPOSE

SDP-883 pan-tilt unit for mounting and positioning a long-range optical zoom camera and thermal imaging camera.

### FIELDS OF APPLICATION

- professional video surveillance systems
- as part of integrated facility security systems
- as part of AVASNPOST, AVANPOST VK systems

### VERSION

- enclosed in a moisture-proof casing
- for outdoor installation with base mounting

### FEATURES

- dual-coordinate video camera positioning
- changing video camera angle and focus
- area scanning at a preset speed
- pointing the video camera together with the thermal imaging camera at pre-set points
- control of pan-tilt, video camera lens, video camera casing heating and thermal imaging camera via an Ethernet interface

### PECULIARITIES

- high positioning accuracy
- pan-tilt unit self-diagnostics of on power-up

## SCOPE OF SUPPLY

Name	Quantity
✓ SDP-883 pan-tilt unit	1 pc.
✓ Mounting set, including:	1 set
– Nut M10 A2 GOST 5915	4 pcs.
– Washer M10 A2 GOST 11371-78	8 pcs.
– Screw M10x40 A2 GOST 7805-70	4 pcs.
– Washer 10 65G 016 GOST 6402-70	4 pcs.
– Ziplock bag	1 pc.
✓ "SDP-88x Device Configurator"* Software	1 pc.*
✓ Passport	1 copy
✓ Operating guidelines**	–
* Supplied on a DVD disc.	
** 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 are available at: <a href="http://stilsoft.ru">http://stilsoft.ru</a>	

## RELIABILITY AND WARRANTY

- Warranty operation period - 2 years.
- Assigned operation period - 10 years.

## TECHNICAL PARAMETERS

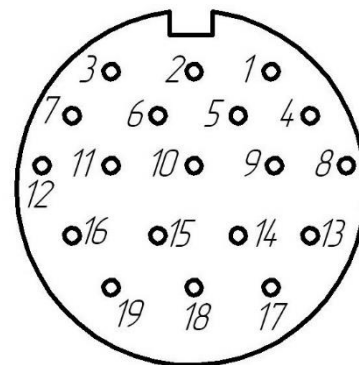
Parameter name	Quantity
Horizontal viewing angle, deg.	360
Vertical viewing angle, deg.	±45
Turning speed, deg/sec: - horizontally - vertically	0,01-30 0,01-15
Positioning accuracy, deg.	0,5
Number of preset positions	30
Control interface	Ethernet 100Mbit/s
DC output voltage, V	24±10%, 12±10%
Operating mode	continuous
Protection against external influences	IP66
DC power supply voltage, V	24±10%
Current consumption, A (maximum)	4,5
Current consumption in power saving mode, A (maximum)	0,6
Maximum load, kg	50
Operating temperature range, °C	from –40 to +50
Overall dimensions, mm (maximum)	450x404x233
Weight, kg (maximum)	22

## CONNECTION

### XP1 connector pin designation for long-range camera connection

# cont.	Designation
1	ZOOM +
2	ZOOM –
3	FOCUS +
4	FOCUS –
5	General
6	FIN
7	ZIN
8	+3,3B
9	Rx+
10	Rx–

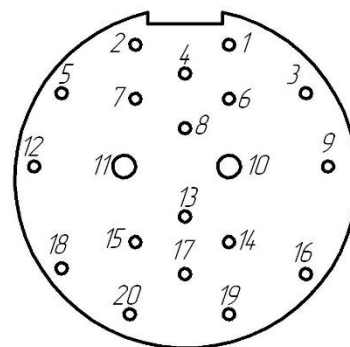
# cont.	Designation
11	–24V
12	+24V
13	GND
14	–12V
15	+12V
16	Tx+
17	AUX1 – (Heating)
18	AUX1 + (Heating)
19	Tx–



### XP2 connector pin designation for thermal imaging camera connection

# cont.	Designation
1	«Rx+»
2	«Rx–»
3	GND
5	«+12V»
19	«Tx+»
20	«Tx–»

Other contacts are not active



### XP3, XP4, XP5 and XP6 connectors pin designations

# cont.	Designation
1	+24V
2	–24V
3	«Tx+»
4	«Tx–»
5	«Rx+»
6	«Rx–»
7	not active

### Default settings

IP address	172.16.16.220
Login	root
Password	pass

### WARNING!

Perform any work on the product (installation, connection, disconnection of the rotary device)

**ONLY** with the power supply disconnected!

Exceeding the permissible supply voltage causes irreparable damage to the pan-tilt unit and/or the video camera.



Developed and manufactured in Russia

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