

Pan-tilt platform

Turret PTP-03 is a powerful manipulator designed using high-precision backlash-free high-speed drives with feedback. The device is designed for tracking fast moving objects, monitoring of moving objects at long distances. The device is able to manipulate the large mass equipment. PTP-03 can be used to install CCD cameras with large zoom, thermal imagers, laser range finders, directional antennas, searchlights. The device can be installed on the mobile objects as a turret in guidance or similar systems.



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SPECIFICATION

Overall dimensions (L / W / H), mm	Weight, kg	Operating T, °C	Protection class IP	Connector
340/740/987 340/740/715 - option without a GPS antenna	39	-40 to +60	IP67	Amphenol

MAIN TECHNICAL PARAMETERS

Rotation range		Angular velocity	
Azimuth	360°, constantly	Azimuth	0,01 - 90 °/sec
Elevation	up to 360°, depending on the payload	Elevation	0,01 - 90 °/sec
Load	up to 100 kg, depending on the weighting of the payload		
Maximum torque	92 N*m		
Starting torque	49 N*m		
Accuracy	0,25 Mrad		

Interfaces of PTP-03
 RS485
 RS422
 Ethernet 10/100/1000
 2 x CAN

PTP-03 is fully compatible with SKU (monitoring and control station) of the automatic control system of moving object AP10.0
 The turret can be equipped with a GPS / GLONASS module.

Power supply, V	Consumption	Consumption current of the payload	Load mount type
24	500 W/ 24 V rated 750 W/ 24 V max.	15 A max.	On external brackets