

# CHEETAH – 100

## Pan (Single Axis) System

CHEETAH-100 is a member of the single axis family.

A pocket sized and portable single axis unit. Its compact economic design gives you a highly precise movement supporting payloads up to 4kg. Built-in control electronics and software provide a precise, smooth motion at all speeds.



**PAYLOAD**  
4 kg



**POSITION ACCURACY**  
 $\pm 1^\circ$



**SPEED**  
0.01 - 180  $^\circ$ /Sec



**PAN MOVEMENT**  
Nx360  $^\circ$

## | General specification

Type	Square – Shape
Payload Type	Antenna / Radar
Azimuth / Pan movement	Nx360 °
Self-Weight	~2.5 kg
Control mode	Speed / Position
Communication	Ethernet TCP / RS232 / RS422
Environmental protection	IP65, Humidity, Temperatures & more...
Power consumption	24V & 4Amp
Max Payload (balanced)	4 kg
Max Acceleration	150 °/Sec <sup>2</sup>
Speed (balanced)	0.1-180 °/Sec
Position Accuracy	±1 °
Position Sensor Encoder	Incremental
Resolution	0.7 °

## | Stabilization systems

Stabilization Accuracy	-
Stabilization Sensor	-

## | Tracker systems

GPS Stabilization by Datum point	-
GPS Units	-

## | GUI Pannell

Parameter	Specification
Communication	Ethernet (TCP)
Operation mode	Manual
Control mode	Speed / Position
Operation	Manual arrows controlled by user
Presets	Up to 15 saved points
Register Status	Online state of system registers
Software limit switches	User defined software limit switches for both axes
Homing	Homing position declaration
IP Setting	Ability changing system IP addresses & port



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