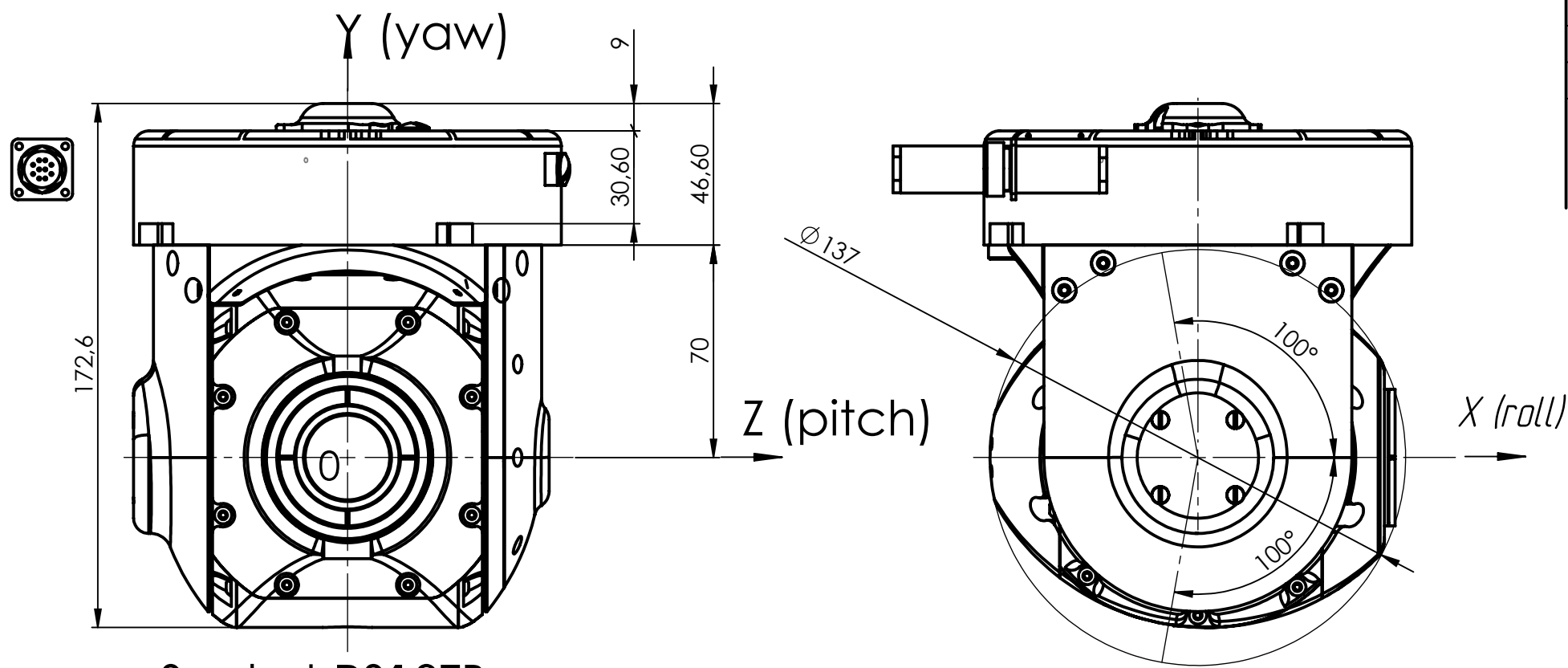


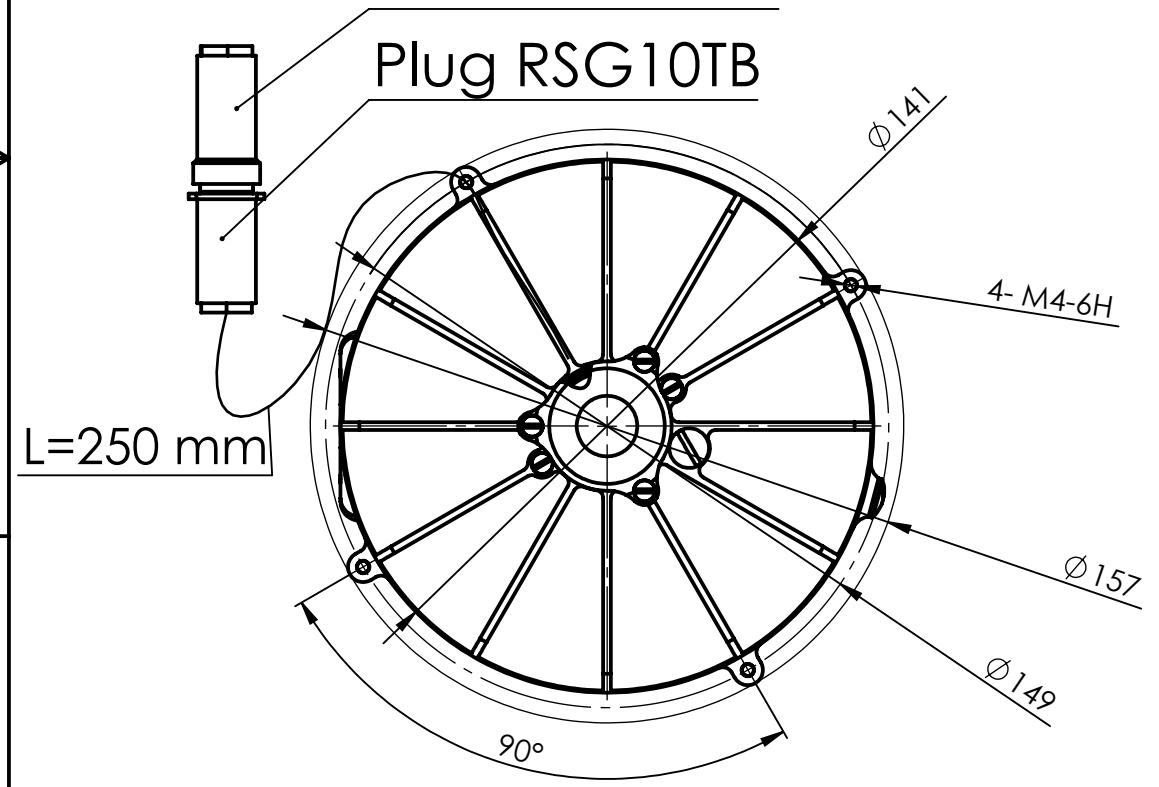


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

Angle rotation

Roll	$\pm 30^\circ$
Yaw	360°
Pitch	$\pm 100^\circ$

1	GND
2	V+
3	CAN H
4	CAN L
5	Resereve
6	Resereve
7	Ethernet TX +
8	Ethernet TX -
9	Ethernet RX +
10	Ethernet RX -

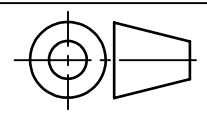


Direct drive
IP-65
Anti vibration frame
Environment temperature range: -40 ... +50°C
Accuracy of coordinates: 20-30 m
Supply voltage: 8-25V
Max. power consumption: 40W
Wavelength band: 7,5...13,5 μm
Thermal sensitivity: 0,05°
Max field of view: 24.6°
Rotation speed: 120°/sec
Pixel size: 17 μm
Matrix resolution: 640x512

This drawing and any information or descriptive material set out on it are the confidential and copyright property of **UAVOS** © and MUST NOT BE DISCLOSED, COPIED, LOANED in whole or part or used for any purpose without the written permission of **UAVOS**.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIM ARE IN MILLIMETERS
[DIM ARE IN INCHES]
TOL ON ANGLES $\pm 0.5^\circ$
0 PLACE ± 0.5 1 PLACE ± 0.1
INTERPRET DIM AND TOL
PER **ASME Y14.5M**
Surface Finish: **Ra3.2**



DRAFTER		
CHECKER		
DEV ENGR		
CONTRACT NO.		
UAVOS FUNDED		
MATERIAL		



UAVOS Inc. Unmanned Systems - Mountain View, CA USA	
Gyro-stabilized thermal imaging gimbal (GSG-140T)	

SIZE A3	CAGE CODE	DRAWING NUMBER UV01.6402.07.15.00	REV 10
SCALE 1:1	WEIGHT KG 1.20	SHEET 1 OF 1	