



TOPODRONE
AFFORDABLE ACCURACY



TOPODRONE PT61

- Full-frame 61 Mp camera with mechanical shutter
- Built-In FLIR Boson 640/320 thermal sensor
- Full integration with DJI Pilot application
- Video transmission on drone remote control
- Setup through the drone remote control
- Lightweight custom modification
- High-precision PPK processing
- DJI Matrice 350/300 RTK full compatibility
- Remote camera control
- Multispectral lens support



Specification

Camera

3-axis gimbal	Yes
Weight with/without gimbal	920/570 g
Number of effective pixels	61 Mp
Sensor size	35,7 x 23,8 mm
Image resolution, pixels	9504 x 6336
ISO range	100-32000
Operating temperatures	-20° ... 50° C
16mm lens support	Yes
24mm lens support	Yes
35mm lens support	Yes
50mm lens support	Yes
Multispectral lens support	Yes
Camera control via drone remote	Yes
Camera settings via drone remote	Yes
Transmitting video via drone remote	Yes

Thermal Sensor

Sensor technology	Uncooled VOx microbolometer
Array format	640x512
Frame rate	30 Hz
Thermal sensitivity	<40 mK @ f/1.0
NUC	Factory calibrated
Field of view	4° to 95° HFOV

GNSS

Receiver type	PPK
Number of channels	1408
GNSS data recording frequency	20 Hz
Accuracy	3-5 cm
GPS support	L1C/A, L2C, L1C, L2P (Y), L5
GLONASS support	L1, L2, L3
BeiDou support	B1I, B2I, B3I, B1C, B2a, B2b
Galileo support	E1, E5b, E5a, E6
SBAS support	L1C/A
QZSS support	L1, L2, L5
Work without reference points	Yes
PPK operation	Yes
Recording GNSS data to microSD	Yes



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