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- Solmeta Technology Co., Limited guarantees its product from manufacturing defects and workmanship for a period of two-year from the date of original purchase. During the two-year warranty, Solmeta Technology will repair or replace the product free of charge. Please keep your original invoice as proof of purchase.
- Customers who have products covered under the warranty are required to contact Solmeta Technology by e-mail (service@solmeta.com) for troubleshooting issues before returning the product.
- Customers are responsible for shipping and insurance charges for returning the product to Solmeta Technology.
- Charges will be imposed for repairing product, which is out of warranty coverage or invalid warranty.
- The guarantee is not valid if defect is due to damage caused by incorrect use, poor maintenance or if persons not authorized by Solmeta Technology have carried out alterations or repairs.
- For the device to be used correctly, the user should strictly adhere to all instructions included in the user guide and should abstain from any actions or uses that are described as undesired or which are warned against in the user guide.

### Precautions for use

**Do not drop:** The product may malfunction if subjected to strong shocks or vibration.

**Keep dry:** This product is not waterproof, and may malfunction if immersed in or exposed to water.

**Avoid sudden changes in temperature:** Sudden changes in temperature, such as occur when entering or leaving a heated building on a cold day, can cause condensation inside the device. To prevent condensation, place the device in a carrying case or plastic bag before exposing it to sudden changes in temperature.

**Keep away from strong magnetic fields:** Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Strong static charges or the magnetic fields produced by equipment such as radio transmitters could affect the product's internal circuitry.

**A note on electronic devices:** In extremely rare instances, a strong external static charge may cause the device to stop functioning. Turn the camera off and disconnect and reconnect the Geotagger Pro. In the event of continued malfunction, contact your retailer or Solmeta-authorized service representative.

**Information in this document is subject to change without notice. Solmeta Technology reserves the right to change or improve their products and to make changes in the content without obligation to notify any person or organization of such changes or improvements.**

## Specification

<b>Supported cameras</b>	Nikon D3-series, D700, D300-series, D2X, D2XS, D2HS, D200 Nikon D90, Nikon D5000, D7000, D3100, D5100
<b>GPS chipset</b>	MTK MT3329 66parallel searching, 22tracking channels. Tracking sensitivity: -165dBm
<b>Acquisition times</b>	Cold start: <35sec., Hot start: <1sec. (Under open sky)
<b>GPS accuracy</b>	3.0meters, 2D RMS (Horizontal)
<b>Update rate</b>	Once per second
<b>3 axis electronic compass</b>	Azimuth Range: 0°-359° Accuracy: ±2° (Horizontal), Accuracy: ±5° (Tilt, or roll +/- 60°)
<b>Data format</b>	NMEA 0138
<b>Geodesics</b>	WGS84
<b>Operating current</b>	< 60mA ( normal working mode) <8mA ( "sleep" working mode)
<b>Operating temperature</b>	-10°C-50°C(-2°F ~ 122°F)
<b>Dimensions (L x W x H)</b>	Approx. 56 mm x 36mm x 19mm
<b>Weight</b>	Approx. 50g (1.8 oz.)

## Compass calibration

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**IMPORTANT:** Before using the Geotagger N3, you must do the calibration. Repeat these procedures each time you move the device and camera more than 100 miles or you are using the different cameras.

### Why calibrate?

The compass in the device is sensitive to nearby magnetic objects that could cause measuring error. To compensate for this error it is sometime necessary to perform a calibration. (If the compass is accurate, there is no need to perform the calibration)

### How to calibrate?

1. With the Geotagger N3 mounted on the camera's hot shoe and connected with the camera, turn the camera on, the LED on the Geotagger N3 will red flashing.
2. Short press the calibration button, the LED turns orange flashing.
3. Hold the camera and the N3 in your hand, rotate the device at X, Y, and Z axes direction. On each direction, do the rotation clockwise and do the rotation twice. Please try to keep the rotation as a constant speed as you can, and try to keep the device horizontally (leveled) at that direction you are busy with!
4. Each rotation takes 5-10 seconds.
5. After the rotation is completed, short press the calibration button again to end the calibration. The LED will start red flashing.

### Note

- Magnetic sensors are very sensitive to nearby magnetic objects, which can cause calibration errors and misreading. Please keep the device away from magnetic source when perform a calibration.
- If the compass is not accurate after the calibration, please repeat above operations.

## Mounting illustration

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The Geotagger N3 connected to Nikon D200



The Geotagger N3 connected to Nikon D5100

## Contact/Service

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If you have any questions on or need help with our products please do not hesitate to get in touch with our Technical Service. You can reach our service people by phone under the telephone number indicated below from Monday through Friday from 9:00 am to 5:00 pm. Independently of these service times you can also get in touch by e-mail;

Solmeta Technology

Tel: 0086 755 26969187

E-mail: [support@solmeta.com](mailto:support@solmeta.com)

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