



DX-GPS

RED HEN SYSTEMS, INC.

**Because Every Picture
Has a Place...**



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Direct Mapping of Digital Pictures

- Automatically geospatially reference JPEG image files
- Fully-integrated solution offering hands-free operation
- Excellent GPS Antenna placement

Map Digital Pictures

DX-GPS is an integrated solution for geo-tagging digital still images with GPS data. Using a consumer, off-the-shelf GPS unit and the industry leading Nikon D1X, D2X, D200, D3X, D300 cameras, the DX-GPS allows users to directly capture geospatially referenced images in the easiest, most reliable collection method available today.

Direct Capture

The DX-GPS provides mounting solutions for the Garmin Geko™ 201 and 301 GPS models to the flash shoe of the camera. Through the integrated cable, the Nikon captures the data being streamed into its GPS input port, directly populating the EXIF metadata of the JPEG image file. With direct capture, users of the DX-GPS will save time and reduce errors in image mapping.

Information captured in the EXIF metadata of the JPEG image file can be read by Red Hen Systems' desktop and server software to create map features linked directly to the photo file or used in any mapping application that supports EXIF GPS metadata.

Tagging images with GPS metadata as soon as they are taken eliminates the post-processing steps required with most other methodologies. The union of time, date, and location data with imagery is a powerful model enabling informed decision-making.

DX-GPS Features

- GPS mounts on top of the camera putting it in full view of satellites for maximum accuracy
- Physical Integration provides for hands-free use
- Instantly inspect and view data on the camera LCD
- User interface on GPS allows for setting adjustments, verifying satellite acquisition and accuracy
- Industry standard GPS-data tagging offers compatibility with most GIS systems

Compatible Software Includes:

- Red Hen Systems' isWhere
- Red Hen Systems' PixPoint
- Red Hen Systems' MediaMapper Photo Edition
- Red Hen Systems' MediaMapper Sever (MMS)

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