

Wind Image Transfer

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Picture-Based Mapping Solution for Trimble Mapping and GPS Handheld Devices

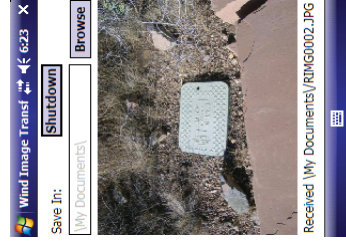
Wind Image Transfer provides seamless integration between the Ricoh 500SE-W ruggedized digital camera and Trimble WiFi-enabled handheld GPS devices.

The Wind Image Transfer solution addresses the needs of mobile GIS professionals that require high quality images to be associated to mapping points collected with Trimble TerraSync™ software, ESRI ArcPad, or other mapping applications compatible with Trimble Mapping and GPS equipment.

By utilizing the WiFi-enabled 500SE in conjunction with the Trimble handhelds, users benefit from not only having a fully ruggedized system that ensure operational reliability in harsh environments but also the added benefits of a true device-to-device automated wireless file transfer and mapping images on the fly.

Example Workflows:

- Public Safety
- Inspections
- Emergency Resources
- Natural Resources
- Survey Documentation
- GIS Infrastructure



"Wind Image Transfer is a classic example of how the proper convergence of technologies can provide real-world benefits to workflows."



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About the Wind Image Transfer Solution:

The Wind Image Transfer application enables a convergence of technologies to provide real world benefits to everyday workflows.

The Wind Image Transfer application enables delivery of high quality images captured with the Ricoh 500SE-W camera to be transferred wirelessly to a professional grade GPS mobile device. As images are captured by the 500 SE-W Ricoh camera, they may be sent automatically to a Trimble handheld using a wireless peer-to-peer WiFi connection. The Wind Image Transfer solution has tested and proven compatible with the following, but not limited to, devices:

Geo XT, Geo XH, Geo XM, Ranger, Nomad, Juno, Recon, etc.

System Requirements:

Wind Image Transfer Software

-Current Version

Ricoh 500 SE-W digital camera

-WiFi enabled

Trimble professional mobile device

-Windows mobile 5*, 6, 6.1 Or Better

* Windows Mobile 5 Devices require Microsoft .NET Compact Framework 2.0 Or Better.

Proven Workflows with:

ESRI ArcPad

Trimble TerraSync

Trimble Survey Controller

Most Professional Mobile Mapping Applications

Contact your Local Dealer

DuraTech USA Inc.

A Certified 8(a), SDB, DBE, SBE, MBE, WBE firm.

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500SE Major Specifications

Item	Description
CCD:	Effective 8.13 million pixels 1/1.8-inch primary-color CCD
Focal length:	f: 5.8-17.4mm (equivalent to 28-85mm for 35mm film cameras)
Recording Media:	SD Memory Card™ (Up to 2GB) Built-in Memory 26MB
LCD Monitor:	2.5" translucent amorphous silicon TFT LCD (approx. 153,000 pixels)
Dimensions:	(W x D x H) 133.0 x 78.5 x 74.0mm (excluding projections and Module)
Weight Approx.:	430g (excluding battery, SD Memory Card, GPS Module)
Power Source:	Rechargeable battery (DB-43) x 1, AA battery x 2, AC adaptor
Bluetooth:	Communication scheme: Bluetooth® standard version 2.0+EDR
Output:	Bluetooth® Supported Bluetooth® profiles: BIP, OPP, SPP
Wireless LAN*:	IEEE802.11b/g
Security:	WEP (64/128 bit), WPA-PSK (TKIP/AES), WPA2- PSK (TKIP/AES)

*Wireless LAN supported on 500SE-W model only