PS535F
Getac Camera
Operation Guide

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01 | Introduction

Getac Camera is a geo-tagging camera program, which allows you to stamp geographical information on photos as watermarks and embed such information into JPEG files as EXIF 2.2 metadata.

02 | Installing Getac Camera

NOTE:

● **If the firmware version of your PS535F is G1.31.031 or earlier, the "E-Compass" and "Altimeter" features of Getac Camera do not work. It is recommended that your update the firmware to G1.31.032 or later. You can ask your sales representative for firmware updates. (To know the firmware version, tap ▨ ➜ Settings ➜ System ➜ System Information ➜ System Version or see the version number shown during the startup period.)**

● **If you have problems starting the program, contact your sales representative for program activation.**

The installation source file is available to you either by downloading or through a storage media. To install Getac Camera to your PS535F:

1. Decompress the installation source file. You will get two files for two different installation methods.

2. Use one of the methods to install the program.
   Method 1: Connect your PS535F to your computer. Make sure that ActiveSync or Mobile Device Center is working on your computer. Then, execute the file **PS535F_Camera_1.1.X.X.exe** (where X is a number). Your PS535F will respond and ask for your action. Follow the onscreen instructions to complete the installation.

   Method 2: Copy the file **PS535F_Camera_1.1.X.X.cab** (where X is a number) to your PS535F. On your PS535F, browse to the file and double tap it. Follow the onscreen instructions to complete the installation.

3. After the installation, you will see the Getac Camera in the programs list.

03 | Starting Getac Camera

To start the program, tap ![windows icon] ➞ Programs ➞ Getac Camera. The GPS positioning will be automatically activated. When the GPS positioning is completed, you will see the geographical information in the watermark area on the screen.

Screen Elements	Descriptions	
Status Bar	Displays the current status.	
	![238 / 999]	Number of pictures already taken / Total number of pictures allowed. (Maximum number shown is 999 even if the storage capacity allows for more.)
	![x1 icon] / ![x2 icon]	Current zooming level.
	![normal] / ![burst] / ![timer]	Current shooting mode: Normal/Burst/Timer
	![icon] / ![icon] / ![icon] ![icon] / ![icon]	Current white balance: Automatic/Sunshine/Cloudy/ Fluorescence/Incandescence
Live Image	Displays the live image.	

Screen Elements	Descriptions		
Watermark	Displays the GPS information such as direction, GPS status, longitude, latitude, altitude, date, time, and speed.		
	GPS Signals		No or poor GPS signals.
			GPS positioning completed.
	Compass		Letters in red: GPS information not available or compass not calibrated.
			Letters in white: GPS or compass information available.
Live Image	Displays the picture you have just taken or selected. The left part contains the preview image and the right part contains the properties of the image.		

To exit the program, tap ❎ at any time.

NOTE:

● When Getac Camera is running, the program buttons except button 1 on your device do not work. Button 1 (labeled ⊞) functions as auto focus for Getac Camera.

● The scroll bar on any Getac Camera screen is an indicator only; it is not intended for tapping and dragging operations.

● The instructions and screens in this document are based on Windows Mobile 6.1.

● If the message "Not enough memory available for attempted operation. Please check system memory." appears, try one of the below to free the memory of your device.
  - Stop programs you are not currently using.
  - Set the resolution of the images to a lower one.

04 | Taking Pictures

1. Start the Getac Camera program. You will be in Camera Mode.

2. For camera controls such as shooting mode and zooming, tap Menu. (See "Camera Mode Settings" later for detailed information.)

   You can also directly zoom in or out by pushing the navigation stick upward or downward. (The availability of zooming levels depends on the current resolution setting.)

3. Aim the camera lens at the subject. Press the program button 1 (the one labeled   ) for automatic focusing. A white frame appears. Wait until the color of the frame turns green indicating the subject is in focus.

4. Press the navigation stick or tap and hold the Live Image area to take the picture.

5. The message Saving... appears on the screen for a few seconds, meaning the picture is saved to the predefined storage location.
   NOTE: Always wait for the saving procedure to complete before giving the next command. An untimely command can be lost, especially in Burst mode.
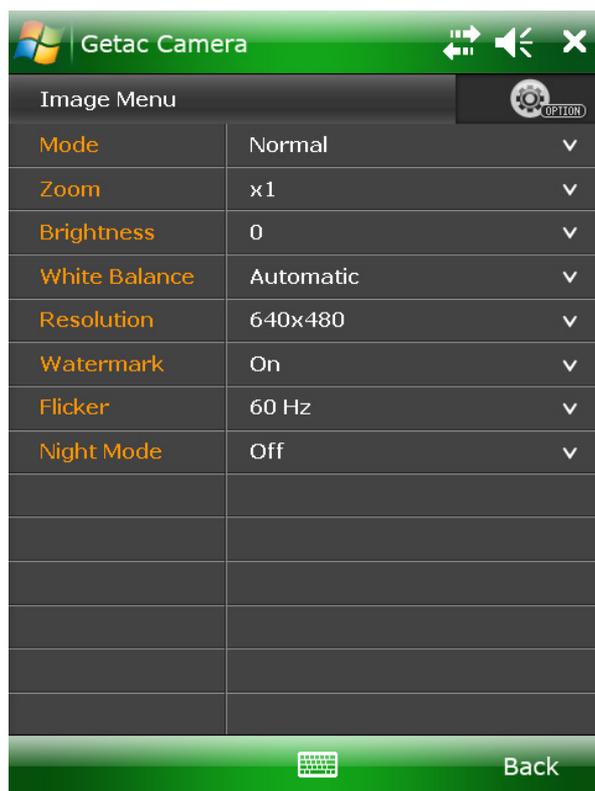
6. The result shows in the Instant Image area below. You can tap the area twice to switch to Brower Mode for the full view. (See "Browser Mode" later for more information.)

Camera Mode Settings

To change camera settings, tap Menu while in Camera Mode.

Tap the down arrow of the item you want to adjust. In the pull-down menu, tap your choice. When finished, tap Back and then Yes.

All changes (except for Mode) remain effective until you change them again.

The screen shows ▶
the default settings.

	Getac Camera	
Image Menu		OPTION
Mode	Normal	∨
Zoom	x1	∨
Brightness	0	∨
White Balance	Automatic	∨
Resolution	640x480	∨
Watermark	On	∨
Flicker	60 Hz	∨
Night Mode	Off	∨
		Back

Menu Items	Descriptions	
Mode	Three choices for the shooting mode:	
	Normal	This is the default setting whenever the program is started.
	Burst	Continuous shooting of 3 pictures.
	Timer	5 second countdown before shooting.
Zoom	Available choices depend on the current resolution setting.	
	x1	Available for all.
	x2	Available under 640x480 resolution setting.
Brightness	Seven brightness levels.	
White Balance	This Five choices (Automatic, Sunshine, Cloudy, Fluorescence, and Incandescence) from which you can select one that matches the current light source.the default setting whenever the program is started.	
Resolution	Four choices (640x480, 1280x960, 1600x1200, and 2048x1536). If the current zoom level is not valid for the resolution you have changed to, the zoom level will be automatically adjusted. (See the descriptions of the Zoom item for the relationship between resolutions and zoom levels.)	
Watermark	On or Off. Set to Off if you do not want the watermark to show in the picture. (This does not affect the embedded EXIF 2.2 metadata.)	
Flicker	Set to the frequency of the local electrical system (60Hz or 50Hz) for flicker free shooting under electric light.	
Night Mode	On or Off. Set to On for shooting in low light situations.	

05 | Viewing Pictures

There are different ways to view pictures and data. On some occasions, you can drag up/down or left/right on the screen to access the pictures and data more easily.

Instant View

While in Camera Mode, the picture taken is immediately shown in the Instant View area with properties information.

In this view, you can:
● Tap the image twice to switch to Standard View.
● Tap the properties list twice to switch to Properties View.
● Go to the previous or next picture by any of the three methods:
  — Drag across the image: from left to right for the previous picture and vice versa.
  — Push the navigation stick toward the left or right for the previous or next picture.
  — Tap the image and, when ◄ and ► icons appear on both sides, tap the left or right arrow to go to the previous or next picture.

● View all properties of the current picture by drag down or up in the properties list on the screen.

Browser Mode

While in Camera Mode, tapping Thumbnail brings you to Browser Mode. To switch back to Camera Mode, tap Camera.

Browser Mode has three views (Thumbnail, Standard, and Properties) as described below.

Thumbnail View

Thumbnail is the default view of Brower Mode, showing 12 preview images at one time.

In this view, you can:

- Scroll down or up by dragging down or up on the screen.
- Go up/down/left/right one picture by pushing the navigation stick toward the corresponding direction.
- Switch to Standard View of the selected picture by any of the two methods:
  — Tap the picture twice.
  — Tap [image] .
- Switch to Properties View of the selected picture by tapping [image] .
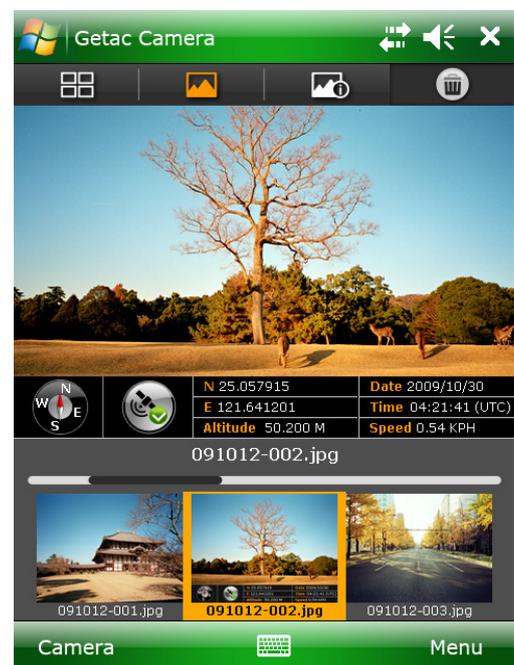- Delete the selected picture by tapping [image] and then Yes.

Standard View

In Camera Mode, tapping the image twice in the Instant View area brings you to Standard View. If you are currently in Thumbnail or Properties View, tap [image] to switch to this view. The selected picture is shown in the upper part of the screen. The lower part of the screen contains the strip of pictures; three small pictures (previous, current, and next) are shown at a time.

In this view, you can:

- Go to the previous or next picture by any of the three methods:
  — Tap the left or right picture in the Strip area.
  — Push the navigation stick toward the left or right for the previous or next picture.
  — Tap the left or right edge of the image and, when [image] and [image] icons appear on both sides, tap the left or right arrow to scroll to the previous or next picture.
- Switch to Thumbnail View by tapping [image] .
- Switch to Properties View of the selected picture by tapping [image] .
- Delete the current picture by tapping [image] and then Yes.

Properties View

In Camera Mode, tapping the properties list twice in the Instant View area brings you to Properties View. If you are currently in Thumbnail or Standard View, tap to switch to this view.

The information of the selected picture is shown in the upper part of the screen. The lower part of the screen contains the strip of pictures; three small pictures (previous, current, and next) are shown at a time.
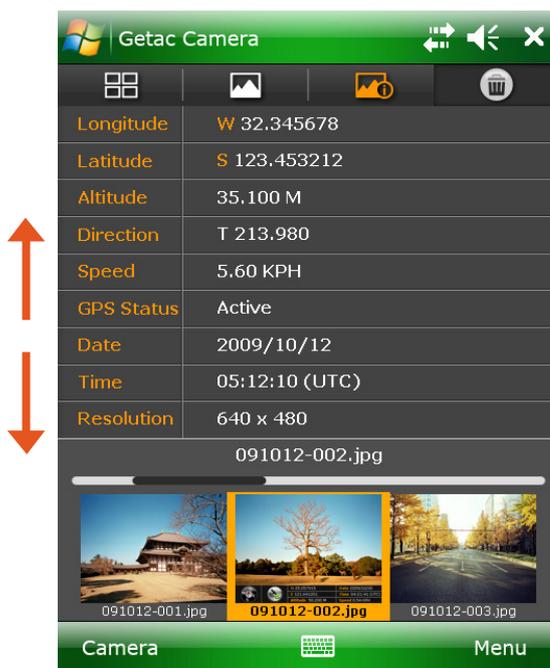
In this view, you can:

● View all properties of the current picture by drag down or up within the properties list

● on the screen.

Go to the properties of the previous or next picture by any of the three methods:

— Tap the left or right picture in the Strip area.

— Push the navigation stick toward the left or right for the previous or next picture.

— Tap the left or right edge of the properties list, and, when ◀ and ▶ icons appear on both sides, tap the left or right arrow to scroll to the previous or next picture.
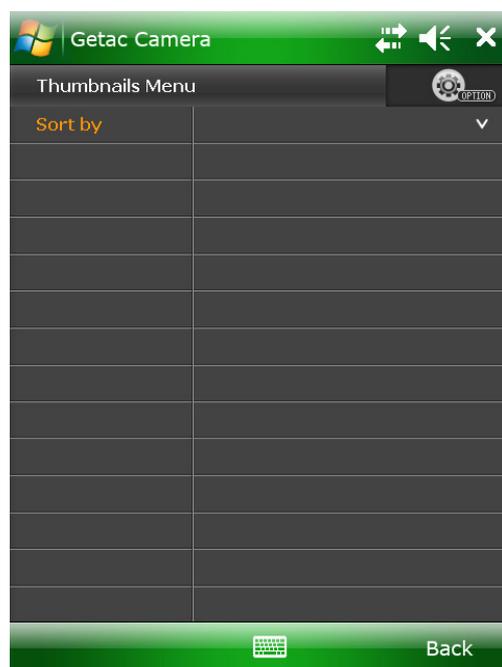
● Switch to Thumbnail View by tapping ⊞ .

● Switch to Standard View of the selected picture by tapping 🖾 .

● Delete the current picture by tapping 🗑 and then Yes.

Sorting Order

By default, the pictures are sorted by name in Browser Mode. You can change the sorting order to size or date.

To change the sorting order, tap **Menu** while in any of the three views. Tap the down arrow and, in the pull-down menu, tap your choice. Tap **Back** and then **Yes** when finished.
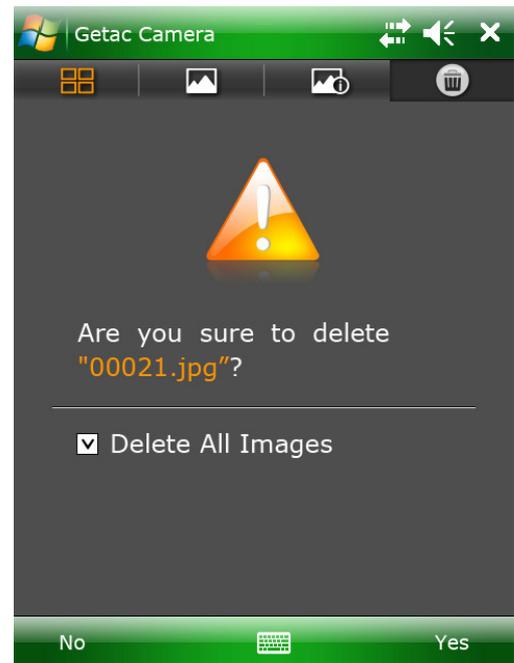
06 | Managing Images

Deleting All Images

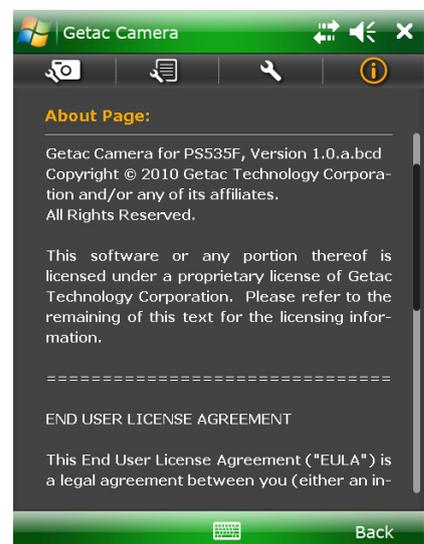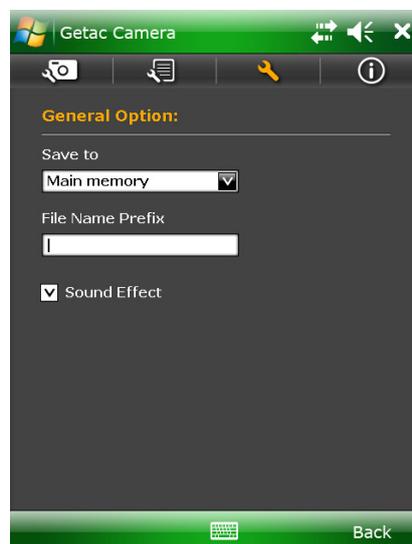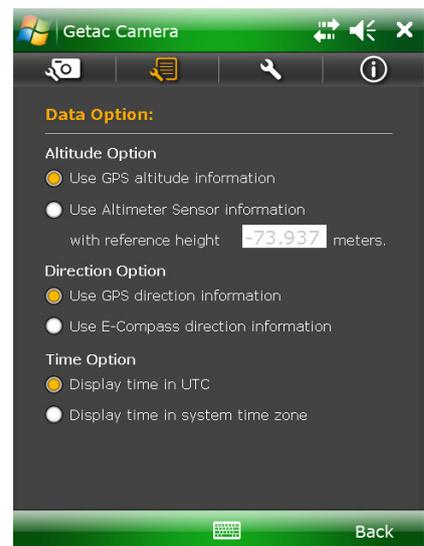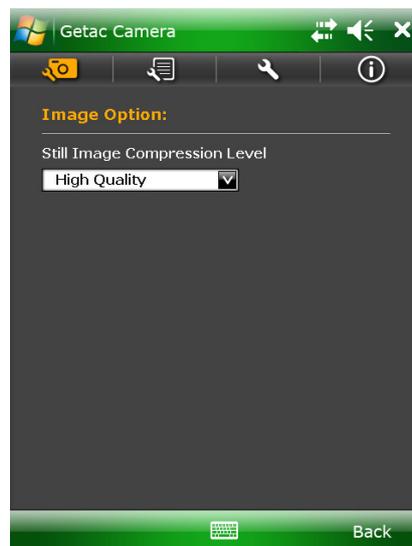If you want, you can delete all images by tapping ![trash] in any of the three views, check the "Delete All Images" item, and tap Yes.

CAUTION: Deleted images cannot be restored.

Are you sure to delete "00021.jpg"?

☑ Delete All Images

No   Yes

Options

To select options for the camera, tap Menu and then tap ![OPTION] . There are four pages as described below.

Image Option:
Still Image Compression Level
High Quality

Data Option:
Altitude Option
◉ Use GPS altitude information
○ Use Altimeter Sensor information
   with reference height -73.937 meters.
Direction Option
◉ Use GPS direction information
○ Use E-Compass direction information
Time Option
◉ Display time in UTC
○ Display time in system time zone

General Option:
Save to
Main memory
File Name Prefix
☑ Sound Effect

About Page:
Getac Camera for PS535F, Version 1.0.a.bcd
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END USER LICENSE AGREEMENT

This End User License Agreement ("EULA") is a legal agreement between you (either an in-

The screen shows ▶ the default settings.

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Page	Setting Items	Descriptions	
Image Option	Still Image Compression Level	Three choices: High Quality, Normal Quality, and Low Quality. A higher setting means a larger file size.	
Data Option	Altitude Option	Displays altitude according to one of the two choices:	
		GPS	The altitude is based on GPS altitude information.
		Altimeter Sensor	The altitude is based on the altimeter sensor built into your device. You can use the value calculated by your device or manually input a value (between -4000 and 4000).
	Direction Option	Displays direction according to one of the two choices:	
		GPS	The direction is based on GPS direction information.
		E-Compass	The direction is based on the electronic compass built into your device. NOTE: Make sure to calibrate the compass for accurate information. (Refer to the documentation of the E-Compass software to know how to calibrate.)
	Time Option	Displays the time throughout the program according to one of the two choices:	
		UTC	The time is based on Coordinated Universal Time.
		System time zone	The time zone setting of the device is taken into consideration. If the current location is in daylight saving time, the time will be adjusted accordingly.
General Option	Save to	Sets the storage location of the pictures to one of the two choices:	
		Main Memory	The picture will be saved to the device's My Documents / My Pictures folder.
		Storage Card	This choice appears only when a storage card is inserted.
	File Name Prefix	By default, the filename is xxxxx (where xxxxx is a sequential number). You can add a prefix to the filenames (default is no prefix). Type the characters in the entry field. Maximum number of characters allowed is 3.	
	Sound Effect	Sets if the program will play sounds for screen tapping and photo shooting. (This setting is independent of the "Sound and Notifications" settings of Windows Mobile.)	

Page	Setting Items	Descriptions
About		Provides copyright and licensing information of the program.

Tap Back and then Yes when finished. The changes remain effective until you change them again.