

## Getac PS535F Rugged GPS PND Specification

### Dimensions and weight

- Length x Width x Height: 144.25 x 82.25 x 29.3 mm (5.68 x 3.24 x 1.15 inch)
- Weight: 300 grams (10.58 ounces)

### Standard package

- Operating system: Microsoft Windows® Mobile 6.1
- Power:
  - ✓ Battery type: 3.7V, 2400 mAh Li-Ion battery pack
  - ✓ Battery life: 8 hours\*\*, application dependent (reduced in subzero applications)
  - ✓ Quick charge: 2 hrs charging time to 80%\*\*. 3.5 hrs charging time to 100%\*\*
- Microprocessor: Samsung 2450, 533 MHz
- Memory: 128MB SDRAM
- Storage device: 2GB NAND Flash
  
- SD Card Slot: SD and SDHC card reader
- Display: 3.5" VGA (480 x 640) 65k color, Transflective sunlight readable TFT-LCD, LED backlight
- Keypad: 4 quick keys and 1 navigation key
- USB Cable \*1
- AC Adaptor \*1
- Microsoft Getting Started Disc
- Protective Film
- Hand Strap \*1

### Integrated radio and communication equipment

- WLAN (IEEE 802.11 b/g)
- Bluetooth (v2.0 class 2)
- Speaker, Microphone, Headphone

#### GPS sensor spec.

- Chipset: SiRF Star III
- Receiver Type: L1(C/A)
- Channels: 20 channel all-in-view tracking
- Update Rate: 1 Hz
- Horizontal Accuracy: Autonomous:5 m, DGPS :1~3 m
- Cold Start Time: 45 sec average
- Warm Start Time: 30 sec average
- Hot Start Time: 1 sec average
- Reacquisition: 0.1 sec average

#### Environmental spec.

- Operating Temp: -20° C to 60° C (-4° F to +140° F)
- Storage Temp: -30° C to +70° C (-22° F to +158° F)
- Humidity: 5% ~ 95% (non-condensing)
- Rain & Dust Resistance: IP54
- Drop Spec: 1.52 m (5 ft) drop on all faces, edges & corners on steel per MIL-STD-810F
- Electrostatic Discharge: +/- 15 kVdc air discharge, +/- 8 kVdc contact discharge
- Tumble Spec: 1,000 1.6 ft./0.5 m tumbles (2,000 drops)

#### Regulatory approvals

- Conforms to the international safety approvals of CE, FCC, UL, BSMI, NCC, CCC, and SRRC

#### Special features

- E-Compass
- Altimeter
- 3M pixels auto-focus camera