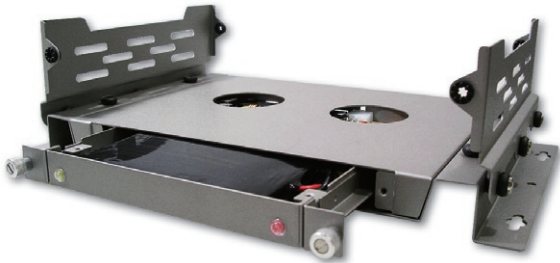


# VTC Series Accessories

## VTK 33B



### Main Features

- ♦ Back up smart battery + charger
- ♦ Thermal control
- ♦ G sensor for car accidents notice function
- ♦ SMBus interface
- ♦ Unique 3D X-Y-Z axis anti-vibration design
- ♦ For VTC 3300E, VTC 6000

### Specifications

#### Back up smart battery + Charger

- ♦ Battery back-up for 15 minutes in system full loading
- ♦ Battery status is detectable by S/W
- ♦ 2 x LED indicators for the battery status

#### Thermal control

- ♦ Detect the temperature to control fan function
- ♦ Auto mode and always-on mode selectable
- ♦ Detect the fan status (working or fail) via S/W
- ♦ 2 x fan (60 x 60 mm, 12V) for lowering surface temperature of VTC series

#### G sensor detection

- ♦ Status about vehicles (X-axes and Y-axes) can be detected by S/W
- ♦ Can be used as car accidents notice function

#### Certification

- ♦ CE approval
- ♦ FCC

#### Dimensions

- ♦ 320 mm (W) x 180 mm (L) x 86.5 mm (H)

### Ordering Information

- ♦ VTK 33B (P/N: 10VK0033B00X00)

## VTK 33V



### Main Features

- ♦ Unique 3D X-Y-Z axis anti-vibration design
- ♦ Integrated fan x2
- ♦ For VTC 3300E, VTC 6000

### Specifications

#### Vibration

- ♦ VTC 3300E (Operating)  
2G @ 10~500 Hz with Automotive HDD  
3G @ 5~500 Hz random with CF

#### Thermal

- ♦ 2 x fan (60 x 60 mm, 12V) for lowering surface temperature of VTC series

#### Dimensions

- ♦ 320 mm (W) x 180 mm (L) x 86.5 mm (H)

### Ordering Information

- ♦ VTK 33V (P/N: 10VK0033V00X0)



## VTK 33P



### Main Features

- ◆ Protect VTC 3300E from direct exposure to water and dust
- ◆ Cables and antennas can be connected on VTC 3300E with external peripheral devices
- ◆ LED status is readable through window
- ◆ Designed for VTC 3300E

### Specifications

#### Dimensions

- ◆ 344 mm (L) x 325.5 mm (W) x 89.2 mm (H)

### Ordering Information

- ◆ VTK 33P (P/N: 50501A0235X00)

## VTK 60P



### Main Features

- ◆ IP65 compliant, anti-dust & anti-water protection kit.
- ◆ Cables and antennas can be connected on VTC 6000 with external peripheral devices
- ◆ LED status is readable through window
- ◆ Designed for VTC 6000

### Specifications

#### Dimensions

- ◆ 320 mm (L) x 176 mm (W) x 50 mm (H)

### Ordering Information

- ◆ VTK 60P (P/N: 10VK0060P00X0)

## NAK 3301



### Communication Function

#### Sierra, MC 8790V module RF Bands

- ◆ GSM, GPRS, EDGE (850 MHz, 900 MHz, 1800 MHz, 1900 MHz)
- ◆ UMTS WCDMA / HSDPA (2100 MHz)
- ◆ UMTS WCDMA / HSDPA (850 MHz, 1900 MHz)

### GPS Function

#### GlobalSat, EM-313 module (SiRF Star III)

- ◆ 20 channel all-in-view tracking
- ◆ Position Accuracy:
  - 10 meters, 2D RM
  - 5 meters, 2D RMS, WAAS enabled
  - Velocity: 0.1 m/s
  - Time: 1 us synchronized GPS time
- ◆ Acquisition Time (average):
  - Reacquisition: 0.1 sec
  - Hot start: 1 sec
  - Warm start: 38 sec
  - Cold start: 42 sec

### Ordering Information

- ◆ NAK 3301 (P/N: 10Z00330100X0)