bTree Technologies

bTree's GPS Based Vehicle Tracker Devices **Feature Comparison Chart**

Mark ✕ or ✓ indicates absent and present

Features/Device	btVTS-1	btVTS-2
Communication channel to server		
SMS	✓	✓
GPRS	✓	✓
UDP/TCP	✓	✓
Data upload to Server		
Upload by Interval	✓	✓
On Demand Poll (Whenever you need the data, just send a command to the device. It will upload.)	✓	✓
Voice Communications		
Voice Monitoring	✓	✓
Two Way Comm	✕	✓
In/Out Calls Limit	✕	✓
Auto Answer Call	✓	✓
Features		
Remote Configuration	✓	✓
Real Time Tracking	✓	✓
Intelligent Power Management	✓	✓
Immobilizer	✓	✓
Driving Record	✓	✓
Record Buffer	✓	✓
Backup Battery	✓	✓

Feature		
Geo-Fence	✓	✓
OTA Device Configuration	✓	✓
User Commands	✓	✓
Tracking software	✓	✓
Tracking using Internet browser	✓	✓
Event generation	✓	✓
Over speeding	✓	✓
Stop engine via SMS	✓	✓
IP & Port Setting	✓	✓
Domain & Port Setting	✓	✓
Auto Set APN	✓	✓
Alarms		
Power OFF Alarm	✓	✓
Low Power Alarm	✓	✓
Over Speed Alarm	✓	✓
SOS Alarm (Once the user press the panic button)	✓	✓
User Define Alarm (Ignition)	✓	✓
Door Open Alarm	✓	✓
Geo-Fence In Alarm	✓	✓
Geo-Fence Out Alarm	✓	✓
GPS Open Alarm	✓	✓
Fuel consumption	✘	✓
Fuel changing	✘	✓

Temperature Alarm	✗	✓
Engine Temperature Alarm	✗	✓
<mark>Technical Specifications</mark>		
Size	10.1×5×2.4cm 101×50×24mm	9.7×6.4×2.4cm 97×64×24mm
Weight	0.14kg	0.20kg
Enclosure Type	metallic	metallic
Connector Type	Plastic	Plastic
Power source	8VDC - 36VDC	8VDC -36VDC
Power consumption active	Standby time 4h	Standby time 4h
Power consumption sleep	No sleep mode	No sleep mode
Humidity	5% - 95% non condensing	5% - 95% non condensing
Operating Temperature	-20° - 70° C	-20° - 70° C
Storage Temperature	-30° - 85° C	-30° - 85° C
GSM Modem (e.g. SIMCOM)	QUECTEL	QUECTEL
GSM Bands	850/900/1800/1900Mhz	850/900/1800/1900Mhz
GSM Antenna (Internal or External)	External	External
GPS Channels	20 channels	20 channels
GPS Engine	GPS JRC 595 with SIRF chipset	GPS JRC 595
GPS Position Accuracy	10 meter, 2D RMS	10 meter, 2D RMS
GPS Sensitivity	-159dBm	-157dBm
GPS Start	Hot: 1 sec Warm: 38 sec Cold: 42 sec	Hot: 1 sec Warm: 38 sec Cold: 42 sec

GPS Antenna (Internal or External)	External	External
Digital Inputs	5	4
Digital Outputs	1	3
Analog Input	0	2
Serial Interface	0	1
Internal Memory (RECORDS)	Internal flash memory 16MB	Internal flash memory 16MB
Backup Battery	Continuous working no less than 4 hours	Continuous working no less than 4 hours
Battery Type (Replaceable or Rechargeable)	Rechargeable	Rechargeable
Power Saving Mode (Deep sleep or Sleep)	No	No
External Accessory	Relay	Configuration cable Relay Vehicle handle Dispatcher screen Camera Oil collector LED AD screen