

# DRONE mobile Quick Start Card

Basic Plan

Premium Plan



Thank you for purchasing DroneMobile by CompuStar. Please complete the information on the front and back of this card and visit [www.dronemobile.com](http://www.dronemobile.com) to register/activate your system and download your DroneMobile smartphone app.

GT1000 hardware carries a 1 year manufacturer's warranty. You must register online at [www.dronemobile.com/warranty](http://www.dronemobile.com/warranty) within 10 days of purchase. For Terms and Conditions please view [www.dronemobile.com/usersmanuals](http://www.dronemobile.com/usersmanuals)

**Please note that some features listed below may not be available.** DroneMobile may require additional parts and labor as well as upgrading to the Premium Plan before certain features can be activated.

## Icon and Description

Icon and Description	Feature Activated Yes	Feature Activated No
<b>Lock</b> This feature locks and/or arms your vehicle. Your vehicle must be equipped with power locks. DroneMobile confirmation window will open if the option is selected. The button will confirm when the lock icon turns green.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Unlock</b> This feature unlocks and/or disarms your vehicle. Your vehicle must be equipped with power locks. DroneMobile confirmation window will open if the option is selected. The feature confirms when the unlock icon turns green.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Start</b> This button activates the start command of your DroneMobile system. If installed, the vehicle will start and run for the set time. When you tap this button again your vehicle will shut off (Must wait at least 1 minute ).	<input type="checkbox"/>	<input type="checkbox"/>
<b>Siren</b> This button activates the panic and/or lights flash action of your DroneMobile. This function requires additional parts and labor.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Trunk</b> This button activates the trunk pop on your vehicle. This function requires additional parts and labor.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Auxiliary 1: Feature</b>	Auxiliary functions can operate many different features on your vehicle from power sliding doors to power window roll-up and down.	
<b>Auxiliary 2: Feature</b>		

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**DroneMobile App Icon**

Click on this icon to open DroneMobile. When the app loads the Home screen will remain dim until it connects to your vehicle. Once connected you can begin using all the features of DroneMobile. **Important:** Not all features on DroneMobile are available. Please check with your place of purchase for details and/or installation costs.



**Home Icon**

The Home Icon houses the main DroneMobile control screen. Here you can find your Lock, Unlock, Start/Stop, Trunk Pop, Panic, Aux 1, and Aux 2 buttons. When you tap a button it will dim. Once your phone receives confirmation of that feature the icon will turn green.



**Alerts Icon**

Click on this icon to bring up your Alerts screen. This screen will show all alerts you have set on your phone from speed violations to any and all alarm triggers from your system.



**Map Icon**

The Map Icon opens the GPS Tracking portion of DroneMobile. Here you can view your vehicle from a map showing the approximate address its located at. You can have DroneMobile plot directions from your phone to your vehicle and can view stats such as vehicle temperature. This feature is not included in the standard plan. You have to upgrade to the Premium Plan for this feature.



**Settings Icon**

Click on the Settings Icon to customize your DroneMobile system. Here you can change your login password, adjust Notification Settings, select different vehicles, and change your Preference Settings.

## Registration Information

Please complete the information below and place the ID Sticker in the box to the right. The ID sticker is located on the GT1000 Module. All of the information below is used to complete your registration on [www.dronemobile.com](http://www.dronemobile.com). Welcome to the World of DroneMobile.

**First Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Last Name:** \_\_\_\_\_

**City | State | Zip:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**Province:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Country:** \_\_\_\_\_

**Place ID Sticker Here**

\*Sticker is located on GT1000 module

# DRONE mobile Quick Start Card

## SEGI R&D GT1000 Operation Manual

### 1.3 Electrical

Operating Voltage	+12 ~ +24V	
Power Consumption	Active	< 50 mA (avg) @ 12V
	Power save	< 20 mA (avg) @ 12V

### 1.4 Environment

Temperature	Operating : -20°C ~ +60°C Storage : -45°C ~ +85°C
Humidity	0 ~ 95RH @ 40C

### 1.5 Outlook



Size	98.4mm x 66.1mm x 20.5mm
Weight	78.9g
Color	Black

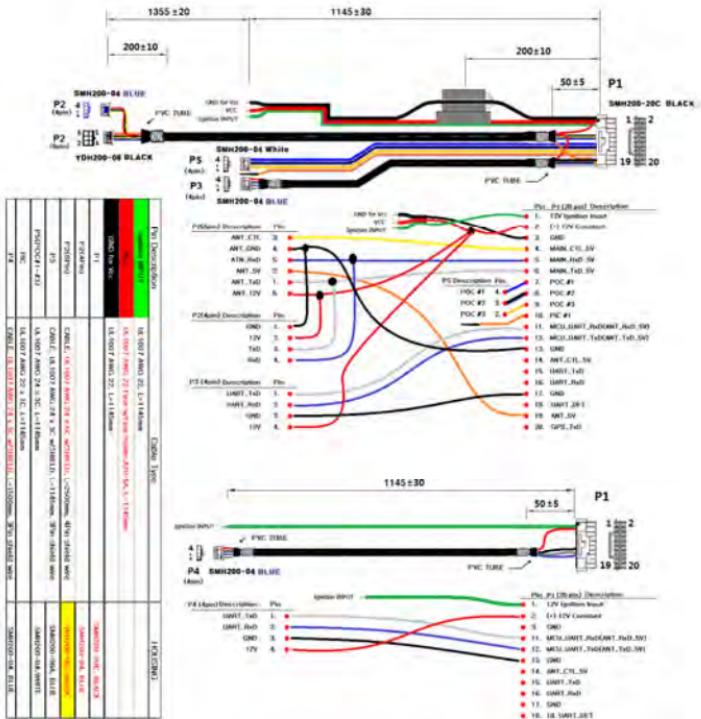
# DRONE mobile

## Quick Start Card



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## **1.7 Connector and Harness Specification**



# DRONE mobile Quick Start Card

## 2. Package & Accessory(TBD)

	Item	Description	Remark
Default	Main set(GT1000)	1EA	
	Harness Cable	SEGI OEM	
	User Manual	Soft cover	
	Quick Guide	1page	
	Gift Box	1box	

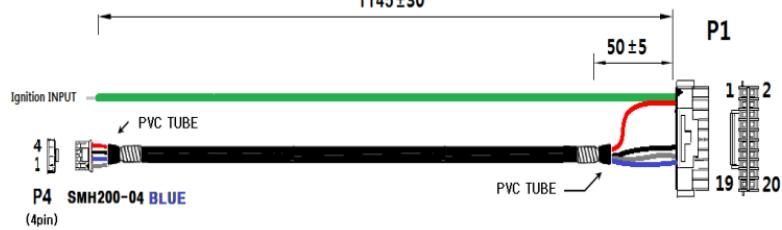
### 2.1 Basic



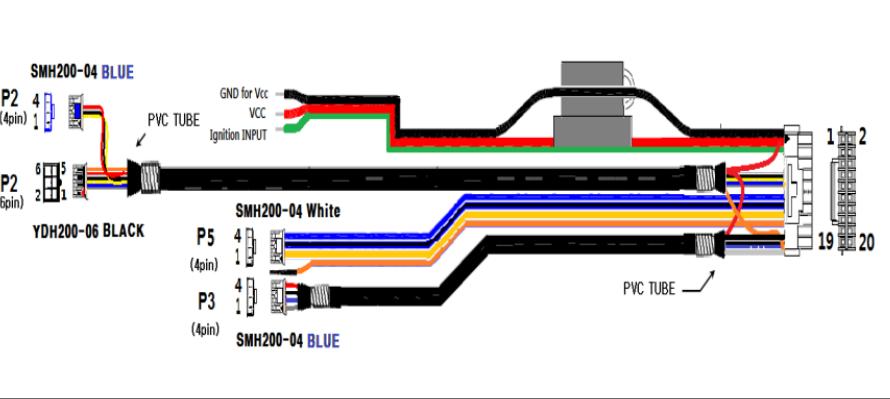
GT1000

Main package

$1145 \pm 30$



## 2.2 Optional Accessory

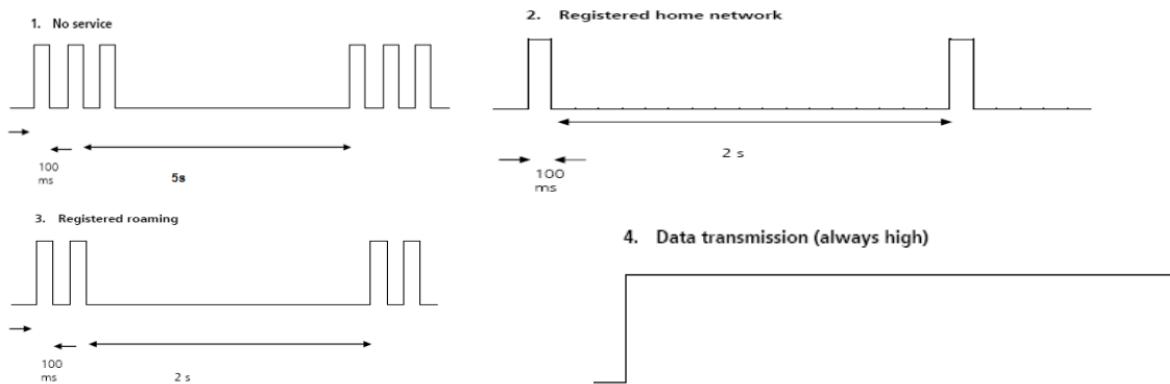
	 <p>The diagram illustrates the internal wiring of the optional harness. It shows two main connection points on the left, labeled P2 (4pin) and YDH200-06 BLACK, and two on the right, labeled P5 (4pin) and P3 (4pin). The P2 connection is for an External GPS Antenna, featuring a blue cable (labeled SMH200-04 BLUE) with pins 1 and 4, and a black cable (labeled YDH200-06 BLACK) with pins 2 and 5. The P5 connection is for the Drone, featuring a red cable (labeled SMH200-04 White) with pin 1, a green cable (labeled Ignition INPUT) with pin 2, and a black cable (labeled GND for Vcc) with pin 4. The P3 connection is for the Drone, featuring a blue cable (labeled SMH200-04 BLUE) with pin 1. A central PVC tube runs through the harness. On the right side, the harness terminates in a 20-pin connector, with pins 1 and 2 labeled at the top and 19 and 20 labeled at the bottom.</p>
External GPS Antenna + Pad	Optional harness

### 3. LED Indicator

#### 3.1 Description

Item	Color	Status	Description
GSM/GPRS 	Blue	Solid	Traffic state
		Blinking	Idle state
		OFF	3 Times flashing
GPS 	Green	Blinking	Good GPS signal
		ON	Bad GPS signal

### 3.2 GSM/GPRS Status LED operation



## 4. SMS Interface ( Exclude USA)

### 4.1 Programming GT1000 unit and Transmitters.

The main controller system can memorize one GT1000 unit and two transmitters. In order to install GT1000 unit and transmitters, following process is needed.

**Note. In order to install GT1000 unit to vehicle, the magicar 7 or upper system is needed.**

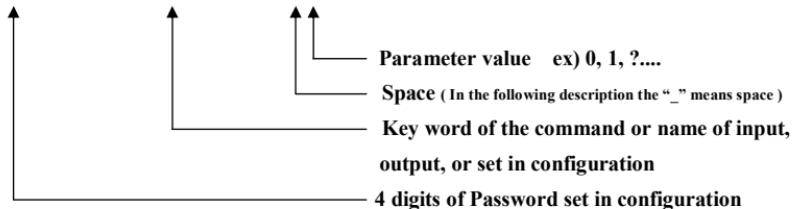
**Note. The magicar 7 or upper system user does not need firmware update to install GT1000 unit.**

- 1) In the system is 'disarm' and ignition 'ON' condition, press the button of the RPS sensor for 2 seconds.  
The system will flash light once.
- 2) Within 5 seconds, press the button of the RPS sensor. The system will flash light twice.
- 3) After 5 seconds, the LED of the RPS sensor will turn on.
- 4) Within 5 seconds, press the button 1 of first transmitter for 0.5 second. If the first transmitter is installed successfully,  
the system will flash light once.
- 5) Within 5 seconds, press the button 1 of second transmitter for 0.5 second. ( If there is no second transmitter  
to program, please press again the button 1 of first transmitter for 0.5 second.) If the second transmitter is  
successfully installed, the system will flash light once.
- 6) Just wait for 5seconds, then the system will flash light twice and the system exits from the remotes  
program mode.

#### 4.2 SMS Instruction table

The GT1000 unit can be configured, controlled and values can be read from it remotely using the SMS messages. SMS message in the following form has to be sent to the phone number of SIM card inserted in the unit:

**XXXXCommand P**



- The default value of Password in GT1000 from production, or after initialization by INIT command is set to 1234 (Note. the password in GT1000 and PIN on the SIM card are not the same number)
- There is no difference between small and capital letters used in the command
- Parameter values are for example: 0= switch off; 1= switch on; ?= ask setting;
- A reply or a confirmation of a command performance will be sent back to the number that the command came from, the reply will include the command used and relevant parameter value
- If a phone number is used as a parameter, it is recommended to enter such number in international format such as +71234567890

#### 4.3 Examples:

Send the following text in a SMS message to the phone number of the SIM card inserted in the GT1000 unit that has Password set in configuration to 1234:

**1234PWD\_4321 (or 1234205\_4321)**

⇒ sets password to 4321

**1234BALANCE (or 1234202)**

⇒ returns a message to the mobile phone with value of prepaid credit at the SIM card, if it is possible to find out

**1234GPSD (or 1234303)**

⇒ returns SMS message with text containing the current GPS geographical coordinates, if available

**1234Arm (or 1234001)**

⇒ activate arm with lock

**1234Start (or 1234102)**

⇒ activate remote start

**1234SNS\_0 (or 1234041\_0)**

⇒ shock sensor off

**1234Learn\_2\_+71234567890 (or 1234201\_2\_+71234567890)**

⇒ sets phone number memory #2 +71234567890

#### 4.3 Examples:

Send the following text in a SMS message to the phone number of the SIM card inserted in the GT1000 unit that has Password set in configuration to 1234:

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**1234SNS\_0 (or 1234041\_0)**

⇒ shock sensor off

**1234Learn\_2\_+71234567890 (or 1234201\_2\_+71234567890)**

⇒ sets phone number memory #2 +71234567890

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Category	No	Alphanumeric [PASSWORD+]	Numeric [PASSWORD+]	Description
1.Instruction	1	ARM	001	Arm/Lock/Start alarm
	2	DISARM	002	Disarm/Unlock/Stop alarm
	3	STATUS	004	System status checking
	4	PANIC	101	Panic/Jack Stop mode on
	5	START	102	Remote Start of engine
	6	STOP	120	Remote Stop of engine
	7	TRUNK	103	Open trunk
	8	CHN1_1	104	Additional channel 1 ON
	9	CHN2_1	023	Additional channel 2 ON
	10	VALET_1	013	VALET mode ON
	11	VALET_0	031	VALET mode OFF
	12	SNS_1	014	Shock sensor ON
	13	SNS_0	041	Shock sensor OFF
	14	TILTS_1	015	Tilt sensor ON (TAIGA system only)
	15	TILTS_0	051	Tilt sensor OFF (TAIGA system only)

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16	TMR_1	024	Engine start by timer ON
17	TMR_0	042	Engine start by timer OFF
18	TRSM_1	016	Enable transmitter
19	TRSM_0	061	Disable transmitter
20	MONITER	071	Saloon monitoring
21	SPK	081	Saloon speak
22	HELP1	199	Command & Hot key Information of Instruction

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## Quick Start Card

2.Configuration	1	LEARN_X_YYY...	201_X_YY...	Learning Pager (X : index from 2 to 4, Y: Phone number in international format)
	2	LEARN_X_D	202_X	Delete phone number "X"
	3	LEARN_X_?	203_X	Query phone number "X"
	4	LEARN_?	204	Query all phone number
	6	BALANCE	211	
	7	SPKVOL_XX	221_XX	Speaker Volume Control xx : 00 ~ 99
	8	SPKVOL_?	222	Speaker Volume Query
	9	PWD_XXXX	231_XXXX	Change of PASSWORD
	10	CFMSG_1	241	Enable confirm('OK') message
	11	CFMSG_0	242	Disable confirm('OK') message
	12	HELP2	299	Command & Hot key Information of Configuration
	1	VERSION	301	Modem / Code version information
	2	GSM	311	GSM x Balance y Cell z Name Signal q Name of GSM network Balance of credit on SIM card of connected GSM cell (BTS) Signal strength (0-32, 32 = maximum)
3. Checking	3	GPSD	321	Query GPS data
	4	GGA	322	Check GPS
	5	POWER	331	Power x Batt. y
	6	TEST	341	Check GSM/ POWER/GGA
	7	HELP3	399	Command & Hot key Information of Checking service

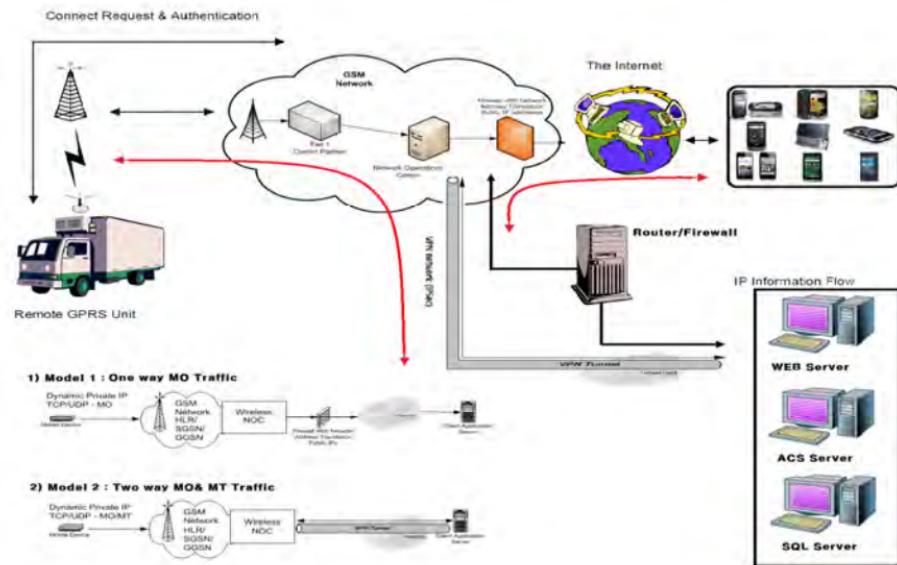
#### 4.4 SMS Alarm and response message table

Category	NO	SMS	Instruction Numeric [PASSWORD+]	Description
1. Alarm	1	ALARM BY IGNITION	401	Alarm by Ignition Trigger
	2	ALARM BY DOORS	402	Alarm by Door Trigger
	3	ALARM BY TRUNK	403	Alarm by Trunk Trigger
	4	ALARM BY HOOD	404	Alarm by Hood Trigger
	5	ALARM BY SHOCK SENSOR	405	Alarm by Shock Sensor
	6	PREALARM BY SHOCK SENSOR	406	Prealarm by Shock Sensor
	7	ALARM BY TILT SENSOR	407	Alarm by Tilt Sensor (TAIGA system only)
	8	CAR BATTERY REMOVED	408	Battery of Vehicle was removed
	9	CAR CALL	409	Car Call
	10	PAGER BATTERY LOW LEVEL	410	Battery level of Pager is low
	11	ALARM BY EMERGENCY CALL	411	Alarm by emergency call
	12	BALANCE LOW	412	Low prepaid credit
2. Response	1	OK	N/A	Successfully Command or Hot key was executed
	2	FAIL (Error Reason)	N/A	Command or Hot key was not executed

After alarm is triggered user can stop alarm by using 'Arm/Disarm' SMS command or just phone call to GT1000 unit by using authorized phone.

## 5. DATA Interface

The device always connect data network for immediate connection.



### 5.1 Controls

## 5.1 Controls

Get Location, Live track, Remote start, lock, unlock, siren, trunk release, Aux1, Aux2, History Log

## 5.2 Alert

Displays alerts that are originated from GT1000

- a) Alarm Alerts :** hood, door, trunk, shock II, Analog Alarm In
- b) Regular Alerts :** RPS, Shock I, speed violation, Curfew violation, POI Alert, Geo-fence alert, Ignition on/off

## 5.3 Settings

- a) Notification Setting :** Alarm/regular alerts, low battery, Engine on/off, Maintenance reminder, speed violations, Curfew violations, POI Violations, Geo-fence violation
- b) Controller Settings :** Siren, shock, turbo timer, passive arming, valet mode, drive lock
- c) Maintenance reminder :** Mileage

## 6. Type Approval

### 6.1 PTCRB Certification

- PTCRB certification testing
- Pre-conformance and conformance testing (RF, RRM and Protocols)
- Regulatory testing (RF, EMC & Safety)
- SAR, OTA & RF performance testing
- Interoperability testing
- Performance testing
- Field Trials, SIM, SATK, A-GPS, MMS, Supplementary services, etc.
- Network operators acceptance testing



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radiofrequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules.  
Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received,  
including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum 20 cm between the radiator and your body.