

R e v i s i o n  H i	<b>Version</b>	<b>Description</b>
	V2.0- V4.3.8	1. New Version
	V5.0.0	1. New Version
	V5.0.1	1. Update event id for EVIDEO and HVIDEO
	V5.0.2	1. Add command No.D007 2. Add Event code for ADAS event and door detection 3. Update Event video ID list
	V5.0.3	1. Add command No. G015 2. No. B003 can be query by command head 3. Correct command No. G010, No. G011, No. G012, No. G013, No. G014
	V5.0.4	1. Hide command No.E015 & No. E018
	V5.0.5	1. Add command No. B025, No. B026 2. Command No. G002 supported model add JC261 3. Update the fucntion description of command No. G005 4. Update the comment of command No. B009
	V5.0.6	1. Edit Command No. B026, delete customer's customized voice selection 2. Edit Command No. E001, delete ADAS & DMS events
	V5.0.7	1. Add command No.E024, E025, E026, C016, D008 2. Edit command No.B002, adding parameter O,P,Q 3. Edit command No. E002, delete DMS & ADAS event code
	V5.0.8	1. Updated the function description for command item D001 2. Corrected command item G008 3. Corrected command item B002 4. Corrected command itemE026 5. Modified command items E002,G013, G022, and G001 6. Added command items G016 to G023 7. Added the JC171 Command sheet 8. Added the facial identification event code and event video ID
	V5.0.9	1. Added command items F011,E027,G025,G026,G027 2. Modified command items E001,E002,G006,G013 3. Added the seatbelt detection event code and event video ID 4. Modified the door detection event ID.



<b>Modified By</b>	<b>Date</b>
DVR Product team	20200217
DVR Product team	20230221
DVR Product team	20230412
DVR Product team	20230613
DVR Product team	20230626
DVR Product team	20230627
DVR Product team	20231114
DVR Product team	20231124
DVR Product team	20240516
DVR Product team	20241016
DVR Product team	



# JimiloT

No.	Permissions	Model	Module	Category
A001	Public	ALL	Integration Need	Data upload method
A002	Public	ALL	Integration Need	TCP Server setting
A003	Public	ALL	Integration Need	HTTP Server setting
A004	Public	ALL	Integration Need	HTTP Server setting

A005	Public	ALL	Integration Need	RTMP server setting
A006	Public	ALL	Integration Need	History videos server
A007	Public	ALL	Integration Need	History videos
A015	Public	ALL	Integration Need	History videos
A008	Public	ALL	Integration Need	History videos
A009	Public	ALL	Integration Need	History videos
A010	Public	ALL	Integration Need	History videos

A011	Public	ALL	<b>Integration Need</b>	History videos
A012	Public	ALL	<b>Integration Need</b>	Capture picture
A013	Public	ALL	<b>Integration Need</b>	Capture video

A014	Public	ALL	<b>Integration Need</b>	Live video
B001	Public	ALL	<b>Device Management</b>	Network connection
B002	Public	ALL	<b>Device Management</b>	Network connection
B033	Public	Only for JC261 & JC261P	<b>Device Management</b>	Network connection

B003	Public	ALL	Device Management	Network connection
B004	Public	ALL	Device Management	Network connection
B032	Public	Only for JC261 & JC261P	Device Management	Network connection
B005	Public	ALL	Device Management	WiFi mode setting

B006	Public	ALL	<b>Device Management</b>	WiFi mode setting
B007	Public	ALL	<b>Device Management</b>	Bluetooth setting
B008	Public	ALL	<b>Device Management</b>	Voice prompt setting
B009	Public	Only for JC400 & JC400P & JC400D	<b>Device Management</b>	Voice prompt setting
B026	Public	Only for JC261 & JC261P	<b>Device Management</b>	Voice prompt setting

B025	Public	Only for JC261 & JC261P	Device Management	Request
B010	Public	ALL	Device Management	Device LEDs
B011	Public	ALL	Device Management	System time setting
B012	Public	ALL	Device Management	System time setting
B013	Public	ALL	Device Management	G-sensor data
B016	Public	ALL	Device Management	Maintenance
B017	Public	ALL	Device Management	Maintenance

B018	Public	ALL	<b>Device Management</b>	Maintenance
B019	Public	ALL	<b>Device Management</b>	Maintenance
B020	Public	ALL	<b>Device Management</b>	Maintenance
B021	Public	ALL	<b>Device Management</b>	Maintenance
B022	Public	ALL	<b>Device Management</b>	Maintenance
B023	Public	ALL	<b>Device Management</b>	Maintenance
B024	Public	ALL	<b>Device Management</b>	Maintenance
B027	Public	Only for JC261 & JC261P	<b>Device Management</b>	Maintenance
B028	Public	Only for JC261 & JC261P	<b>Device Management</b>	Maintenance
B029	Public	Only for JC261 & JC261P	<b>Device Management</b>	Maintenance
B030	Public	Only for JC261 & JC261P	<b>Device Management</b>	Maintenance

B031	Public	Only for JC261 & JC261P	Device Management	Maintenance
B034	Public	Only for JC261 & JC261P	Device Management	Maintenance
B035	Public	Only for JC261 & JC261P	Device Management	Maintenance
B036	Public	Only for JC261 & JC261P	Device Management	Maintenance
C001	Public	ALL	Video Recording	Video recording switch
C002	Public	ALL	Video Recording	Audio recording switch
C003	Public	ALL	Video Recording	Audio recording switch

C004	Public	ALL	<b>Video Recording</b>	Video recording parameters
C005	Public	ALL	<b>Video Recording</b>	Video recording parameters
C006	Public	ALL	<b>Video Recording</b>	Watermark setting
C007	Public	ALL	<b>Video Recording</b>	Watermark setting
C008	Public	ALL	<b>Video Recording</b>	Video recording parameters
C009	Public	ALL	<b>Video Recording</b>	Video recording parameters
C010	Public	ALL	<b>Video Recording</b>	Timed image taking

C011	Public	ALL	<b>Video Recording</b>	Timed image taking
C012	Public	ALL	<b>Video Recording</b>	Timed image taking
C013	Public	ALL	<b>Video Recording</b>	Timed image taking
C014	Public	ALL	<b>Video Recording</b>	Timed image taking
C016	Public	ALL	<b>Video Recording</b>	Video recording switch
D001	Public	ALL	<b>Tracking</b>	Location package upload method
D002	Public	ALL	<b>Tracking</b>	Location package upload method
D003	Public	ALL	<b>Tracking</b>	Location package upload method
D004	Public	ALL	<b>Tracking</b>	Location package upload method

D005	Public	ALL	Tracking	Event package upload method
D006	Public	ALL	Tracking	Mileage statistics
D007	Public	ALL	Tracking	Location package upload method
D008	Public	ALL	Tracking	Location package upload respond
E001	Public	ALL	Event Feature	Event parameters setting
E002	Public	ALL	Event Feature	Event parameters setting

E004	Public	ALL	<b>Event Feature</b>	Event parameters setting
E005	Public	ALL	<b>Event Feature</b>	Vehicle undervoltage event
E006	Public	ALL	<b>Event Feature</b>	Fatigue driving event

E007	Public	ALL	<b>Event Feature</b>	Speeding event
E008	Public	ALL	<b>Event Feature</b>	SOS event
E009	Public	ALL	<b>Event Feature</b>	SOS event
E010	Public	ALL	<b>Event Feature</b>	SOS event
E011	Public	ALL	<b>Event Feature</b>	SOS event
E012	Public	ALL	<b>Event Feature</b>	Parking vibration event

E013	Public	ALL	<b>Event Feature</b>	Parking vibration event
E014	Public	ALL	<b>Event Feature</b>	Parking vibration event
E015	Public	ALL	<b>Event Feature</b>	Parking vibration event/Driving collision event
E016	Public	ALL	<b>Event Feature</b>	Parking vibration event

E017	Public	ALL	<b>Event Feature</b>	Driving collision event
E019	Public	ALL	<b>Event Feature</b>	Driving behavior event
E020	Public	ALL	<b>Event Feature</b>	Driving behavior event
E021	Public	ALL	<b>Event Feature</b>	Driving behavior event
E023	Public	ALL	<b>Event Feature</b>	Memory card error event

E024	Public	ALL	Event Feature	Collision event
E025	Public	ALL	Event Feature	Collision event
E026	Public	Only for JC261 & JC261P	Event Feature	TF card abnormal
E027	Public	ALL	Event Feature	Event video
F001	Public	ALL	Accessories	Relay

F002	Public	ALL	Accessories	UART Switch/Door sensor
F003	Public	ALL	Accessories	Speedometer
F004	Public	ALL	Accessories	Magnetic card reader
F005	Public	ALL	Accessories	Magnetic card reader

F006	Public	ALL	Accessories	RFID Reader
F007	Public	ALL	Accessories	Fuel level sensor
F008	Public	ALL	Accessories	Fuel level sensor
F009	Public	ALL	Accessories	Temperature sensor

F010	Public	ALL	Accessories	Temperature sensor
F011	Public	Only for JC261	Accessories	AI Camera
F012	Public	Only for JC261 & JC261P	Accessories	External battery
F013	Public	Only for JC261 & JC261P	Accessories	Transparent data
F014	Public	Only for JC261 & JC261P	Accessories	Transparent t data
G001	Public	Only for JC261	AI Features	DMS parameters setting

G002	Public	Only for JC261 & JC400D	AI Features	DMS parameters setting
G003	Public	Only for JC261 & JC400D	AI Features	DMS parameters setting
G004	Public	Only for JC261 & JC400D	AI Features	DMS parameters setting
G005	Public	Only for JC261 & JC400D	AI Features	DMS parameters setting

G006	Public	Only for JC261 & JC400D	AI Features	DMS parameters setting
G007	Public	Only for JC400D	AI Features	DMS parameters setting
G008	Public	Only for JC261	AI Features	DMS parameters setting
G009	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting

G029	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting
G010	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting
G011	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting
G012	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting
G013	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting

G014	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting
G015	Public	Only for JC261 & JC261P	AI Features	ADAS parameters setting
G016	Public	Only for JC261	AI Features	Facial identification setting
G017	Public	Only for JC261	AI Features	Facial identification setting
G018	Public	Only for JC261	AI Features	Facial identification setting
G019	Public	Only for JC261	AI Features	Facial identification setting

G020	Public	Only for JC261	AI Features	Facial identification setting
G021	Public	Only for JC261	AI Features	Facial identification setting
G022	Public	Only for JC261	AI Features	Facial identification setting
G023	Public	Only for JC261	AI Features	Facial identification setting
G024	Public	Only for JC261	AI Features	JC171 setting
G025	Public	Only for JC261	AI Features	JC171 setting
G026	Public	Only for JC261	AI Features	Seatbelt-on detection

G027	Public	Only for JC261	AI Features	No seatbelt detection
H001	Public	Only for JC261 & JC261P	Action	Press to talk
H002	Public	Only for JC261 & JC261P	Action	Press to talk

- 1. This command list is applicable to Jimi.**  
**2. Command format: header + parameter**  
**3. Please refer to the "Module" definition for the meaning of the parameters.**  
**4. If a command header is marked with a red font, it means that the command is not supported by Jimi.**

Function	Format
The device will use Jimi's method to upload the data to the Tracksolid Pro server, if you want to use other platforms, you need to use this command to change to integrated method.	<b>COREKITSW,&lt;A&gt;</b>
Modify the TCP address	<b>SERVER,&lt;M&gt;,&lt;A&gt;,&lt;P&gt;</b>
Modify the HTTP address	<b>UPLOAD,&lt;A&gt;</b>
It defines the mechanism to deal with such a situation as the platform doesn't respond after the device uploads data over HTTP.	<b>HTTPUPLOADLIMIT,&lt;A&gt;,&lt;B&gt;</b>

Modify the RTMP address	<b>RSERVICE,&lt;A&gt;</b>
Modify the server address to receive the playback video namelist file.	<b>FILELIST,&lt;A&gt;</b>
Let the device to upload the playback video namelist file to the server.	<b>FILELIST</b>
Let the device upload the namelist of video files from the TF card to the server.	<b>TFFILELIST,&lt;A&gt;,&lt;B&gt;</b>
Let the device to push the playback video streaming to RTMP server, then you can use them to display in your platform.	<b>REPLAYLIST,&lt;A&gt;</b>
Stop pushing playback video streaming.	<b>REPLAYLIST,OFF</b>
You can request the device to upload the playback video file which store in memory (which is one minute each file and with low video quality) to the server.	<b>HVIDEO,&lt;A&gt;,&lt;B&gt;</b>

<p>This command is for High video quality which record and stored in TF card with 3 mins for each video file. You can request the device to generate a new short video file with the period you need, and then upload the file to the server.</p>	EVIDEO,<A>,<B>,<C>
Capture the images from the device.	Picture,<A>
Capture the video (H.264) from the device.	Video,<A>,<B>

Request live streaming	RTMP,<A>,<B>,<C>
Add and set the APN of the SIM card	<b>APN</b> ,<A>,<B>
Add and set the APN of the SIM card in detail	<b>APN</b> ,<A>,<B>,<C>,<D>,<E>,<F>,<G>,<H>,<I>,<J>,<K>,<L>,<M>,<N>,<O>,<P>,<Q>
Force set the APN of the SIM card	<b>APN,FORCE</b> ,<A>,<B>,<C>,<D>

Select network type	<b>NETWORK,A#</b>
Enable or disable roaming feature.	<b>ROAMING,&lt;A&gt;</b>
Enable or disable the data usage info uploading	<b>DATAMGT,SW,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>
Turn on/off the WiFi hotspot, AP Mode	<b>WIFIAP,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>

Turn on/off WiFi, Client Mode	<b>SSID,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>
Turn on/off the Bluetooth	<b>BTNAME,&lt;A&gt;</b>
Set the volume of the device voice prompt.	<b>VOLUME,&lt;A&gt;</b>
Change the language of the voice prompt	<b>VOICESW,&lt;A&gt;</b>
Change the language of the voice prompt	<b>VOICESW,&lt;A&gt;</b>

Download the voice prompt file	AUDIOURL,<A>
Turn on/off the LEDs	<b>LED</b> ,<A>
Set the calibration time method of the system	<b>TIMESYNC</b> ,A#
If you use TIMESYNC,GPS command to make device use GPS calibration time method, then you need to use TIMEZONE,A command to set Timezone	<b>TIMEZONE</b> ,A#
Collect and upload G-Sensor data	<b>GTRANS</b> ,<A>,<B>,<C>,<D>
Query the firmware version	<b>VERSION</b>
Restore the device to the factory settings.	RESTORE

Reboot the device	REBOOT
Upload logs to Jimi server or specific TCP server	LOG,ALL,<URL>
Query the device status	<b>STATUS</b>
Query the device parameters	<b>PARAM</b>
Check the network connection status.	PING,<A>
Change the password of the command.	PASSWORD,<A><B>
Format the memory card	FORMAT
Query the device parameters	CHECK
Query device GPS parameters	CHECKGPS
Query device DMS parameters	CHECKDMS
Query device ADAS parameters	CHECKADAS

Device shutdown after ACC OFF, you can use this command to set the delay period.	<b>SHUTDOWNTIME</b> ,<A>
The device reports the external voltage at the configured intervals.	<b>ADT</b> ,<A>,<B>,<C>
Custom SMS Alert Additional Content	<b>CUSTID</b> ,<A>,<B>
Play online audio (audio files via URL)	<b>HTTPMP3</b> ,<A>
Set the independent switch for a camera to record video that is in the TF card	<b>RECORDSW</b> ,<A>,<B>
Whether to record audio along with the video	<b>RECORDAUDIO</b> ,<A>
Whether to record audio along with the video (playback video & live streaming)	<b>RECORDAUDIO_SUB</b> ,<A>

Set the parameters for normal recording video which will be saved in TF card.	<b>CAMERA,&lt;A&gt;,&lt;B&gt;</b>
Set the parameters for live streaming or playback video	<b>VIDEORESOLUTION_SUB,&lt;A&gt;</b>
Set the unit of speed on the video watermark.	<b>MILE,&lt;A&gt;</b>
Customize the content of the video watermark.	<b>CAR,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>
Set the mirroring mode of the backup camera (rear-view)	<b>MIRROR,in,&lt;A&gt;</b>
Set the rotation angle of the camera image.	<b>RATATION,&lt;A&gt;,&lt;B&gt;</b>
Enable or disable feature.	<b>PICTIMER,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;,&lt;D&gt;,&lt;E&gt;</b>

Set the resolution of photos	<b>PICTIMERSIZE,&lt;A&gt;,&lt;B&gt;</b>
Set the compressed rate of photos	<b>PICRATE,&lt;A&gt;,&lt;B&gt;</b>
Query the size of images in the device that are taken via this feature	<b>TIMERPICRAM</b>
Delete images that are taken via this feature from the device	<b>TIMERPICRAM,DEL</b>
Set the independent switch for a camera to record video that is in the device memory. If it is disable, no history video playback online is available	<b>RECORDSW_SUB,&lt;A&gt;,&lt;B&gt;</b>
Set the interval for uploading location packets	<b>TIMER,&lt;A&gt;,&lt;B&gt;</b>
Whether to auto upload a location packet every time the ACC status changes	<b>ACCREP,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;,&lt;D&gt;</b>
Set the angle value for uploading location	<b>ANGLEREP,&lt;A&gt;,&lt;B&gt;</b>
Event-generated location packet re-upload	<b>EVENTGPS,&lt;A&gt;</b>

Event-generated alert packet re-upload	<b>BUFFERCACHEQUERY</b>
Enable or disable mileage feature	<b>MILEAGE,&lt;A&gt;,&lt;B&gt;</b>
Set the interval for uploading location packets while ACC OFF	<b>TIMER1,&lt;A&gt;,&lt;B&gt;</b>
Settings only when the platform replies to the GPS packet and the device receives the reply, the device will upload the next one. It is for JIMI TSP platform.	<b>GPSLOCREPLY,&lt;A&gt;</b>
Set the interval of the device to trigger the same type of events	<b>FILTER,&lt;A&gt;,&lt;B&gt;</b>
Configure automatic upload of event video footage.	<b>UPLOADSW,&lt;A&gt;,&lt;B&gt;</b>

Set the video length of all event.	<b>VIDEOPARAM</b> ,<A>,<B>
Set the undervoltage event threshold, this feature will prevent your vehicle's battery from draining.	<b>EXBATALM</b> ,<A>,<B>,<C>
Set parameters for fatigue driving event.	<b>FATIGUE</b> ,<A>,<B>,<C>

Set the parameters related to the speeding event.	<b>SPEED</b> , <A>, <B>, <C>,<D>
Enable or disable this feature, and set the report method after the event be triggered.	<b>SOSALM</b> ,<A>,<B>
Add SOS numbers(s), then if you set report method to 2&3, the device will make the call to this list.	<b>SOS</b> , A, <A>, <B>, <C>
Delete SOS number(s) of the list.	<b>SOS, D</b> <A>, <B>, <C>
Set the cycle count of the SOS calls, which the device will call to the SOS list after the event be triggered.	<b>CALL</b> ,<A>
Enable or disable Defense mode/	<b>DEFENSE</b> ,<A>

<p>Set the period delay for the device to entry defense mode after the ACC OFF. Need to make sure already enable the defense mode.</p>	<p><b>DEFENSE_TIME,&lt;A&gt;</b></p>
<p>Set the sensitivity to trigger a vibration event when the vehicle parking.</p>	<p><b>SENALM,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b></p>
<p>Set the sensitivity to trigger a vibration event when the vehicle parking in detail.</p> <p><b>This command is the advanced configuration of SENALM command</b></p>	<p><b>SHOCK,&lt;A&gt;</b></p>
<p>It refers to the time during which a vibrating alert won't be triggered if the device is ACC ON during that time. It will filter the normal drive behavior/</p>	<p><b>SHAKEDELAY,&lt;A&gt;</b></p>

<p>Set the sensitivity to trigger a collision alert when the vehicle driving.</p>	<p><b>CRASHALM</b>,&lt;A&gt;,&lt;B&gt;</p>
<p>Set the sensitivity level to trigger harsh acceleration event. If you want to have more choice to set the value, you can use command "<b>RAPIDTEST</b>".</p>	<p><b>RAPIDACC</b>,&lt;A&gt;</p>
<p>Set the sensitivity level to trigger harsh deceleration event. If you want to have more choice to set the value, you can use command "<b>RAPIDTEST</b>".</p>	<p><b>RAPIDDEC</b>,&lt;A&gt;</p>
<p>Set the sensitivity level to trigger harsh turning event. If you want to have more choice to set the value, you can use command "<b>RAPIDTEST</b>".</p>	<p><b>RAPIDTURN</b>,&lt;A&gt;</p>
<p>Set the parameters of SD card alarm</p>	<p><b>NOSDCARDALM</b>,&lt;A&gt;,&lt;B&gt;</p>

Set the condition parameters for the device to trigger collision alert	<b>COLLIDE,A,B,C,D,E,F,G,H</b>
Set the installation angle (windshield) for collision algorithm	<b>INSTALLANGLE,A</b>
Set the alarm for TF card abnormal. When there is SD card but fail to write, the device will trigger the alert to platform but no video.	<b>SDABNORMAL,&lt;A&gt;</b>
Get the specific event video file from the device	<b>UPLPADFILE,&lt;A&gt;</b>
Remotely cut off the fuel/power of the vehicle	<b>RELAY,&lt;A&gt;</b>

Connect the door sensor via the UART, then you can enable or disable this function.	<b>UART</b> ,<A>,<B>,<C>,<D>,<E>,<F>,<G>,<H>
It is a function switch	<b>SPEEDOMETER</b> ,<A>
It is a function switch	<b>CARDREADER</b> ,<A>
Set the permission level for the card reader	<b>DRIVERLEVEL</b> ,<A>,<B>,<C>,<X>

It is used to identify the driver by swiping the card	<b>EXDEVICESW,&lt;A&gt;</b>
Set the threshold fuel level at which the sensor will generate an alert	<b>OILPARAM,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;,&lt;D&gt;</b>
Set the ID of the fuel level sensor.	<b>OILIDSET,&lt;A&gt;,&lt;B&gt;</b>
Set the interval to collect temperature data	<b>TEMPCOLLECTINTERVAL,&lt;A&gt;,&lt;B&gt;</b>

Set the format of the data collected by the temperature sensor	TCALIBRAT#
Query the firmware version of AI camera	C170VERSION
Set the device's working status after power-off.  Note: This requires the use of either the KX001(For JC261) or KX001_4L(For JC261_12).	PWROFFWK,<A>
Peripheral uploads and transparently transmits data to the device	UART,PROXY,<A>,<B>,<C>,<D>,<E>,<F>
The device sends transparently transmitted data to the peripheral	WSTCINFO,<A>
Set sub-camera for JC261 series product, if you connect device with JC170, then you need to send command to change it first.  Note: After you change the mode, the device will restart 10 seconds later	DMSSW,<A>

Function switch	<b>DMS_SWITCH,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>
Set the device to filter same voice announcements	<b>DMS_VOICE_CUSTOM,</b> <b>&lt;A&gt;,&lt;B&gt;,&lt;C&gt;,&lt;D&gt;,&lt;E&gt;,&lt;F&gt;</b>
Set the device to filter alerts for the same type of events	<b>DMS_ALERT_CUSTOM,</b> <b>&lt;A&gt;,&lt;B&gt;,&lt;C&gt;,&lt;D&gt;,&lt;E&gt;,&lt;F&gt;</b>
Set the speed to the device to simulate a driving test scenario, which will let you enable to test the DMS function in office.	<b>DMS_VIRTUAL_SPEED,&lt;A&gt;</b>

Set the duration the device continues to detect specific driver behaviors before triggering an event.	<b>DMS_CONTINUITY</b> , <A>,<B>,<C>,<D>,<E>,<F>
Alignment exception event	<b>DMS_CALIB_ABNORMAL</b> ,<A>,<B>,<C>
Feature switch for level 2 (L2) events	<b>DMS_SECOND_EVENT</b> ,<A>,<B>,<C>,<D>
Function switch, Enable or Disable ADAS Function  Note: After you enable or disable the function, the device will restart 10 seconds later	<b>ADASSW</b> ,<A>

Set ADAS algorithm calibration mode.	<b>ADAS,CALMODE,A</b>
<p>Enable or Disable each ADAS function</p> <p><b>Note:</b> Please make sure the ADAS function is enabled (G009)</p>	<b>ADASSEP,&lt;A&gt;,&lt;B&gt;</b>
<p>Set the device to filter alerts for the same type of events</p> <p><b>Note:</b> Please make sure the ADAS function is enabled (G009)</p>	<b>ADASPI,&lt;A&gt;,&lt;B&gt;</b>
<p>Set the device to filter same voice announcements</p> <p><b>Note:</b> Please make sure the ADAS function is enabled (G009)</p>	<b>ADASVI,&lt;A&gt;,&lt;B&gt;</b>
<p>Set the speed threshold at which the device will trigger specific ADAS events.</p> <p><b>Note:</b> Please make sure the ADAS function is enabled (G009)</p>	<b>ADASSP,&lt;A&gt;,&lt;B&gt;</b>

Set the trigger sensitivity of each ADAS event.  <b>Note:</b> Please make sure the ADAS function is enabled (G009)	<b>ADASSEN,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>
Set the speed to the device to simulate a driving test scenario, which will let you enable to test the ADAS function in office.	<b>ADASVSP,&lt;A&gt;</b>
Set parameters for facial recognition	<b>FACEID,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</b>
Import face data into JC171	EVENTSET,FACE,SHOT,<A>,<B>
Make JC261 perform a facial recognition immediately	EVENTSET,FACE,TEST
Delete existing face data in JC171	EVENTSET,FACE,DEL,<A>

Import face photos from a cloud server to the face library of JC171	EVENTSET,FACE,DOWN,<A>
Set the server address to receive face photos from JC171	UPLOADFACE,URL
Upload a specific face photo from JC171 to the designated server	EVENTSET,FACE,GET,<A>
Query information about JC171's face library	EVENTSET,FACE,CHECK
Transparent commands	UART,TRANS,[JC171command]
Set the detection range for the AI algorithm.	DMS_CHECK_AREA,<A>#
Enable/disable seatbelt fasten detection and set the trigger conditions	EVENTSET,AWSB,<A>,<B>,<C>

Enable/disable no seatbelt use detection and set the trigger conditions	EVENTSET,ANWSB,A,B,C
Start pulling audio streaming	{"startTalkURL":" <b>URL</b> "}
Stop pulling audio streaming	{"stopTalkURL":" <b>URL</b> "}

e to JC400 & JC261 series products;  
parameters, which will be separated by colons ':';  
description to check if a certain command will take effect on your current device;  
d red, it can be used to query the current parameters of a device, otherwise, the com

Comment
<p><b>A=0/1.</b> It refers to the working logic, wherein "0" refers to the integrated version and "1" the distributed version. <b>Note:</b> Before switching the device to the integrated method, you must first do the followings in the strict order: 1) Switch the working logic, 2) Modify the addresses of HTTP and RTMP servers 3) Modify the address of the TCP server.</p>
<p><b>M=0/1. It refers to the address type, wherein "0" refers to "IP" and "1" "domain name".</b> <b>A=Server address (IP or domain name)</b> <b>P=Server port</b> The device will restart after the address of the TCP server is changed. <b>Note:</b> Before switching the device to the integrated method, you must first do the followings in the strict order: 1) Switch the working logic, 2) Modify the addresses of HTTP and RTMP servers 3) Modify the address of the TCP server.</p>
<p><b>A=HTTP address.</b> <b>Note:</b> Before switching the device to the integrated method, you must first do the followings in the strict order: 1) Switch the working logic, 2) Modify the addresses of HTTP and RTMP servers 3) Modify the address of the TCP server.</p>
<p><b>A=1–10.</b> It specifies the retry count. <b>Default: 5.</b></p> <p><b>B=1–30 (minutes).</b> It specifies the interval between each retry. <b>Default: 3.</b></p>

**A=RTMP address.**

Note:

Before switching the device to the integrated method, you must first do the followings in the strict order:

- 1) Switch the working logic,
- 2) Modify the addresses of HTTP and RTMP servers
- 3) Modify the address of the TCP server

**A=Server address.**

Note:

Before switching the device to the integrated method, you must first do the followings in the strict order:

- 1) Switch the working logic,
- 2) Modify the addresses of HTTP and RTMP servers
- 3) Modify the address of the TCP server.

Please confirm the History videos upload server address is right before you use this command.

A=Date, Format: YYYYMMDD

B=0-2,

0 = both camera

1 = front camera

2 = inward camera

Please confirm the History videos upload server address is right before you use this command.

**A is the playback video name (Support multi video name)**

e.g.: 2021\_05\_31\_08\_10\_45\_02.mp4

e.g.: 2021\_05\_31\_08\_10\_45\_02.mp4,2021\_05\_31\_08\_11\_46\_02.mp4,2021\_05\_31\_08\_12\_48\_02.mp4

After you send this command, the device will stop to push the history video.

**A=The timestamp which including in the video to upload**

(format: Year\_Month\_Day\_Hour\_Minute\_Second)

**B=1/2 (1=Front camera; 2=Inward camera)**

**A=The timestamp to generate pre & post video**

(Format=Year-Month-Day Hour:Minute:Second)

**B=1/2**

1=Front camera;

2=Inward camera;

**C=10–60 (seconds).**

It refers to the video length.

**Default: 15**

A is camera type, in / out / inout,

in=inward camera;

out=front camera;

inout=both camera

Please pay attention to the command format, the 'P' need uppercase letter and others need Lowercase letters. Please follow the example.

**A is camera type,**

in / out / inout,

in=inward camera;

out=front camera;

inout=both camera

**B is duration,**

3s to10s

**Please pay attention to the command format, the 'V' need uppercase letter and others need Lowercase letters. Please follow the example.**

**A=ON/OFF.**

ON means to enable RTMP streaming;  
OFF means to stop RTMP streaming.

**B: IN/OUT/INOUT.**

IN is inward camera,  
OUT is front camera,  
INOUT is both

**C is the pushing duration,**

unit is minutes,  
range is 2 ~ 180,

**Default is 15 (also when C is empty)**

**Remark:** Parameter C only support on V4.3 firmware version and above.

**This command is only for TCP command.**

**A=Name of the APN**

**B=Address of the APN**

**A=APN name**

**B=APN**

**C=MCC**

**D=MNC**

**E=TYPE**

**F=PROXY**

**G=PORT**

**H=USER**

**I=SERVER**

**J=PASSWORD**

**K=MMSC**

**L=MMSPROXY**

**M=MMSPORT**

**N=NUMERIC**

**O=PROTOCOL ( IP/IPV6/IPV4V6 )**

**P=ROAMING\_PROTOCOL ( IP/IPV6/IPV4V6 )**

**Q=AUTHTYPE**

When only A, B, C, and D are required to be set for the APN, you can deliver it as a simple parameter; while if more parameters ("E" and these following it) are required to be set, commas (,) should be used to separate these parameters.

**A = APN name / D (A=D: Delete forced APN and disables this feature)**

**B = APN**

**C = MCC**

**D = MNC**

**A=9 LTE first**

**A=11 LTE only**

**A=ON/OFF**

It is the roaming switch.

**SW = ON / OFF**

**A =1/2, Data Reporting Type,**

**1 - Report current used data once every ACC OFF,**

**2 - Report once when the threshold is exceeded**

**B = Data Threshold. Only valid when Data Reporting Type is 2, set according to the monthly data of the SIM card, unit is GB. range:1~300, default=5**

**For example: DATAMGT,ON,2,5# Triggers an excessive data report to the platform once when the monthly used data is about to exceed 95% of 5GB.**

**C = 0/1, High Data Request Limit Switch**

**0 - no limit**

**1 - for limit**

Note: The device data reporting type is a choice of two options.

If C= 1, when the data usage exceeds the threshold, it will not be allowed to watch live video, review historical video, upload alarm video, and other functions related to streaming media."

**A=ON/OFF**

WiFi hot-spot switch.

**B=Hot-spot name,**

**default is IMEI number**

**C=password,**

**default is last 8 digits of IMEI**

**A=0/1/2/3,**

**0 means off,**

1 means WIFI enable during acc on,

2 means WIFI enable all the time,

3 means delete the WiFi connection record

**B=Router's name**

**C=Router's password**

**Remark: A=ON/OFF @ firmware V4.2.x or above**

**A=ON/OFF**

It is a switch to enable the Bluetooth. Only when A is set to "ON" will the device enable the Bluetooth after entering ACC ON mode.

**A=0/1/2/3;**

It defines the volume level of the device.

0-Mute,

1-Low,

**2-Mid,**

3-High

**A=Please enter the Value below;**

**It defines the language of the voice prompts given out by the device, wherein:**

**0-English**, 1-Chinese, 2-Thai, 3-Arabic, 4-British English, 5-Russian, 6-Portuguese, 7-Spanish, 8-Turkish, 9-Indonesian, 10-N/A, 11-X, 12-Vietnam

**A=Please enter the Value below;**

It defines the language of the voice prompts given out by the device, wherein:

**0-English**, 1-Chinese, 2-Thai, 3-Arabic, 5-Russian, 7-Spanish, 8-Turkish, 9-Indonesian, 10-Vietnam, 11-French, 14-Burmese, 15-Deutsch, 16-Hindi, 17-Japanese, 18-Korean, 19-Urdu, 20-Bengali, 99=Mute, 100=user defined

**A** is URL to download the voice prompt file.

Once this command received, device will start to download the file from URL and unzip to the system

Note: Please contact JIMI product team to get the list how to prepare the voice prompt file

**A=ON/OFF**

It defines whether to light on LEDs (all-day).

**A=gps/network**

It indicates the way used by the device to synchronize its system time.

**A=Time zone**

Input a time zone, such as +08:00

**Note:** In the network method of the system (command: TIMESYNC, network), the parameter is saved but not applied upon configuration. The timezone parameter is only updated when switching to GPS time synchronization mode(command: TIMESYNC,gps).

**A=0/1/2**

It is a function switch, wherein 0 means the function is off, 1 transparent transmission over TCP, and 2 transparent transmission over HTTP.

**B=1/2**

It refers to the transmission mode, wherein 1 means timed upload and 2 means re-upload.

**C=1–10 (TCP)/10–100 (HTTP)**

It refers to the sampling rate and the unit is samples per second. The default value 6 samples per second for transmission over TCP and 100 samples per second for transmission over HTTP.

**D=1–60**

It refers to the time for timed upload and the unit is second. The time for timed upload over TCP is 2s (unchangeable) and the time for timed upload over HTTP is 10s.

**View the device's firmware version**

**Restore the device to the factory settings, where all parameters are reset to the original values. If your device is of the integrated edition, proceed with caution!**

**Restart the device once**

If URL is empty, Upload all logs in the device to Jimi log server.

If URL is input, upload all logs in the device to the that URL (following http protocol)

**Query the device's GPRS status, GSM status, GPS status, ACC status, network mode, and the total and available capacity of internal storage/TF card.**

**Query the IMEI, location mode, and time zone of the device**

A=TCP/HTTP/RTMP, device will ping the server to check the connection

A=Old password, which is required or the set will fail

B>New password, which should be 6 digits

Default is **666666**;

**This command is used to format the memory card of the device.**

**Note: All data will be cleared!**

**Query the current parameters of the VERSION, JC170VERSION, IMEI, ICCID, IMSI, COREKITSW, RSERVICE, UPLOAD, SERVER, APN, WIFIAP, VOLUME, VOICESW, LED, TIMEZONE, TIMESYNC.**

**Query the current parameters of the TIMER, TIMER1, ACCREP, ANGLEREP, EVENTGPS, SPEED, MILEAGE, and GPSLOCREPLY.**

**Query the current parameters of the DMSSW, DMS\_SWITCH, DMS\_VOICE\_CUSTOM, DMS\_ALERT\_CUSTOM, DMS\_CONTINUITY, DMS\_CALIB\_ABNORMAL.**

**Query the current parameters of the ADASSW, ADASSEP, ADASPI, ADASVI, ADASSP, ADASSEN, ADASSEN, ADASSEN, ADASVSP.**

**A=1-86400**  
**Unit:second**  
**Default=300**

**A = ON / OFF default : OFF**  
**B = 0–3600s: Upload interval of external power voltage when ACC ON; 0 means no upload.**  
**C = 0–3600s: Upload interval of external power voltage when ACC OFF; 0 means no upload.**

**A = ADD/DEL**  
ADD = Add Custom Content: When A = ADD, parameter B must not be empty.  
DEL = Delete the currently custom content.

**B =** Allows customers to set a custom identifier for the device, such as a license plate number or device name.  
Up to 32 characters (supports numbers, letters, and English punctuation, but cannot contain ",")

**A = URL**  
URL of the audio file

**A=1/2;** It defines which camera will be configured with an independent switch (input a number).  
**1-Main camera, 2-Sub camera**

**B=0/1;** It is the switch to control the selected camera.

0-Disable,  
**1-Enable**

**A=0/1;** Whether to record audio while recording the video (input a number)

0-Off,  
**1-On**

**A=0/1;** Whether to record audio while recording the video (input a number)

0-Off,  
**1-On**

**A=IN/OUT**

**B=0/1/2/3**

When OUT, 0 is 1080P 8M; 1 is 720P 4M; 2 is 720\*480 2M; 3 is 640\*360 0.5M

When IN, 0 is 720P 6M; 1 is 720P 3M; 2 is 720\*480 2M; 3 is 640\*360 0.5M

**A=0/1/2**

**0=640x360, bitrate 0.5M**

**1=720x480, bitrate 1M**

**2=720x480, bitrate 1.5M**

**A=0/1,**

**0 means kmh,**

1 means mph

**Only effect the watermark in video**

**A is on the left-up corner of photo/video, 15 digits max**

**B is on the right-up corner of photo/video, 15 digits max**

**C is on the right-down corner of photo/video, 25 digits max**

**Upper & Lower letter and number are available**

**A=ON/OFF**

Whether to enable the mirroring mode of the backup camera (rear-view)

**A=IN/OUT**

It refers to the camera channel that streams the video, wherein OUT refers to the main camera and

IN the subcamera.

**B=0/90/180/270**

It refers to the angle of rotation, wherein:

**0: No rotation**

90: 90° rotation

180: 180° rotation

270: 270° rotation

**A=ON/OFF, The switching of periodic photo capturing feature (Acc on only)**

**Default is OFF**

**ON means all cameras**

**B=30 ~ 86400, default is 180, unit is second; Photo Capturing interval.**

**C=1~3, Photo number.**

**D=0~2880, Cycles times**

**E=ON/OFF, the switching of voice reminder.**

**A=IN/OUT;**

OUT is front camera;  
IN is inner camera.

**B=0/1/2,**

0 is 1080P, **1 is 720P**, 2 is 480P

When A is OUT, B can be set to be 0/1/2

When A is IN, B can be 1/2 only

A=main camera's photo compression rate, 20~100, default is **50**, unit is %

B=external camera's photo compression rate, 20~100, default is **30**, unit is %

It is used to query the size of images in the device that are taken via this feature.

It is used to delete all images taken via this feature.

A=1/2; It defines which camera will be configured with an independent switch (input a number).

1-Main camera, 2-Sub camera

B=0/1; It is the switch to control the selected camera.

0-Disable,

**1-Enable**

**A=ON/OFF; Set whether the device uploads GPS data packets based on GPS speed.**

ON: The device will auto upload location packets at a preset interval after it enters ACC ON mode even speed is 0km/h;

OFF: The device will upload location packets only when the speed of the vehicle is greater than 3km/h.

**B=1~600; It defines the upload interval.**

The unit is second (s) and the default value is **10**

**A = ON/OFF**

B = 0/1

**0 = GPRS**

1 = GPRS + SMS

Default : 0

Phone number set by E009 SOS command

C = Trigger Time; 5~60s; Default: 10

D= 0/1/2

**0 = ACC ON ↔ ACC OFF (ACC status change between ON and OFF)**

1 = ACC ON → ACC OFF (ACC ON to ACC OFF)

2 = ACC OFF → ACC ON (ACC OFF to ACC ON)

**A=ON/OFF**

B=angle,5~45, default is **30**

**A=ON/OFF**

It is a function switch. When A is set to "ON", the device will re-upload a location packet every time an event is triggered.

Query the location and alert packets that are cached in the device and have not been uploaded

**A=ON/OFF**

B=current mileage value, default is **0**, unit is meter

**A=ON/OFF; Whether to enable auto upload of location packets while ACC is OFF**

ON: The device will auto upload location packets at a preset interval after it enters ACC OFF mode;

OFF: The device wont upload location packets after it enters ACC OFF mode;

**B=1–86400; It defines the upload interval.**

The unit is second (s) and the default value is **120**

A=ON/OFF

**A=Event type**

SOS / CRASH / VIBRATE / OVERSPEED / RAPIDACC / RAPIDDEC / RAPIDTURN / DRIVE / POWER / VOLTAGELOW / RELAYOFF / RELAYRECOVERY / MISSINGFACE / NOSDCARD / SDCARDMOUNT / OIL / OILTO / TEMPTO / UART / UART\_DOOR / AWSB / ANWSB

Please check details in Sheet "Event code".

**B=1–60;**

It defines the time interval to trigger a same-type event after the last one (input a value)

**Default: 5**

Unit: Minute

**A=Event type to trigger automatic video upload**

SOS / CRASH / VIBRATE / OVERSPEED / RAPIDACC / RAPIDDEC / RAPIDTURN / DRIVE / POWER / VOLTAGELOW / RELAYOFF / RELAYRECOVERY / MISSINGFACE / NOSDCARD / SDCARDMOUNT / OIL / OILTO / TEMPTO / UART / UART\_DOOR / LANEDEPARTURE / VEHICLETOOCLOSE / FORWARDCOLLISION / AFIS / AFIF / AWSB / ANWSB / /FACE

Please check details in Sheet "Event code".

**B=OFF / ON / 1 / 2**

It indicates whether to upload event videos automatically or on demand.

OFF=Disable automatic upload

ON=Upload videos from both front / inward cameras

1=Upload video from the front camera only

2=Upload video from the inward camera only

**A=5/7/10/15/30**

It indicates the length of a video captured before and after an event is triggered during ACC ON.  
The unit is second.

**B=10/15/20/30/60**

It indicates the total length of a video captured after an event is triggered during ACC OFF.  
The unit is second.

**A=0/1;**

**It indicates the vehicle's battery type**

0=12V

1=24V

**B=Threshold value**

Value range for 12V vehicles: 90–130, **Default: 118**

Value range for 24V vehicles: 180–255, **Default: 230**

wherein 90,180 indicates the undervoltage alert value is 9V.18V, therefore if you set the value to a multiple of 10, do not forget the "0".

**C=0/1**

**It indicates the Alarm Method.**

0 = GPRS

1 = GPRS + SMS

**Default: 0**

Phone number set by E009 SOS command

**A=ON/OFF**

**B=4–12,**

**Default is 4**

Unit=Hour

It specifies the duration when the device is ACC ON (this parameter is used to determine whether a driver is fatigued and this event will be triggered only once).

**C=1–30 (minutes) ,**

**Default is 5**

Unit=Minute

It specifies the interval to trigger another fatigue driving alert after a same event is triggered when the device continues to be operated in ACC ON mode

**A=ON/OFF;**  
On: Enable;  
Off: Disable.

**B=5–600;**

The duration during which the device detects the speed of the vehicle is always above the threshold value;

**Default: 10**

Unit: Second

**C=1–255;**

Speed threshold value;

**Default: 80**

Unit: km/h

**D=0/1,**

Report mode of speed alerts,

**Default: 1** 0: GPRS, 1: SMS+GPRS,

A=ON/OFF

Function switch

B=Report method

0: GPRS,  
1: SMS+GPRS,  
2: GPRS+SMS+Call,  
3: GPRS+Call

**A=SOS number 1 to add**

**B=SOS number 2 to add**

**C=SOS number 3 to add**

**Delete one or multiple SOS numbers by their number sequences.**

**A=1/2/3.**

It specifies the cyclic dialing count;

**Default: 2**

**A=ON/OFF;**

Whether to enable the defense mode

**A=1–30;**

It refers to the delay time;

Unit: Minute.

**Default:** 5

**A=ON/OFF;**

**Default:** ON

**B=1/2/3;**

It refers to the trigger sensitivity;

1: Low 26,

2: Mid 20,

3: High 16;

**Default:** 2

**C=0/1/2/3**

**0 = GPRS**

**1 = GPRS + SMS**

**2 = GPRS + SMS +CALL**

**3 = GPRS + CALL**

**Default:** 0

**Phone number set by E009 SOS command**

**A=1–255.**

It specifies the sensitivity range, wherein the lower the value, the more sensitive the vehicle to detect a vibration.

**How to count the acceleration**

**(x+1)/256\*RANGE**

**e.g.: RANGE=2, SHOCK,40**

**so vibration trigger threshold value is (40+1)/256\*2G=0.32G**

**Default:** 20

**A=10–600**

Unit: Seconds

**A=ON/OFF;**

**Default:** ON

**B=1/2/3;**

It refers to the trigger sensitivity;

1: Low 200,

2: Mid 150,

3: High 120;

**Default:** 2

**A=0/1/2/3;**

**Detect time is 3 second**

**0-Off,**

1-Low 45,

2-Mid 35,

3-High 25,

Unit is kmh

**A=0/1/2/3;**

**Detect time is 3 second**

**0-Off,**

1-Low 55,

2-Mid 45,

3-High 25,

Unit is kmh

**A=0/1/2/3;**

**Detect time is 3 second**

**0-Off,**

1-Low 60,

2-Mid 40,

3-High 30,

Unit is kmh

**A=ON/OFF.**

It specifies whether to enable the feature to trigger an alert when the memory card is inserted or removed.

**B=0–3. It specifies the alert mode.**

0: GPRS,

1: SMS+GPRS,

**2: GPRS+SMS+Call,**

3: GPRS+Call

A=ON/OFF

B=0, means upload to server only

C=0~255, default is 150, the sensitivity value of collision, the lower the value, the more sensitive it is

D=0~20, unit second, default 0, the delay time to check after receive the collision broadcast

E=10~90, unit second, default 15, the check duration whether "F" value match

F=5~30, unit is kmh, default is 6, the GPS speed threshold for collision confirmation

G=0~100, default is 60, the change rate of G-sensor data

H=2~300, default is 90, the change rate of G-sensor data

A=0~90, unit is degree, default is 45

A=ON/OFF

A=Event file name

**A=0/1;**

Whether to cut off the fuel/power

**0: Connect fuel/power,**

1: Cut fuel/power

**A=0/1/2;** it defines the trigger condition

- 0 - disable the function
- 1 - take close as a trigger
- 2 - take open as a trigger

**B=0/1/2;** it defines ACC state

- 0- detecting in any state
- 1 -detecting only in ACC ON
- 2- detecting only in ACC OFF

**C=1~3600,** it defines the Detection interval

unit is second, default is 120

**D=1~120,** it defines the speed condition, GPS speed

0 is unlimited

unit is kmh

**E=1/2,** it defines the Action after trigger

1 -short video

2 -photo

**F=0/1/2,** it defines the whether to broadcast voice after trigger

0 is no broadcast

1 is seat belt version

2 is door sensor detection version, while F=0,means door sensor detection without voice prompt 1

**G = 0/1/2/3**

**0: GPRS**

1: SMS+GPR

2: GPRS+SMS+Call

**2: GPRS+Call**

#### **A=ON/OFF**

An accessory is required to be connected to use this feature.

#### **A=ON/OFF**

An accessory is required to be connected to use this feature.

**A, B, C, and X refer to permission levels to set. They may be digits or letters.**

**The levels are separated by commas (,). You can set up to 10 permission levels for the card reader at a time.**

**Default: OFF**

**A=0/1/2/3/6/7**

It refers to the interface for user identification

0 means OFF

1 refers to the card reader (Baud: 9600)

2 refers to RFID (Baud: 9600)

3 refers to "facial recognition" (no accessory support yet)

6 refers to RFID (Baud: 115200)

7 refers to the card reader (Baud: 115200)

**Note:**

1. Only RFID or magnetic card readers with a baud rate of 115200 are supported for simultaneous use with JC170/JC171.

2. When using JC170/JC171 together with an RFID reader (Baud: 115200) or a magnetic card reader (Baud: 115200), the KX003 TTL Serial Port Expander must be used.

**A=0–60 (min).**

It refers to the interval to collect fuel level data when the vehicle is ACC OFF and the value "0" indicates the sensor will not collect data.

**B=0–60 (min).**

It refers to the interval to collect fuel level data when the vehicle is ACC ON and the value "0" indicates the sensor will not collect data.

**C=1–10000.**

It refers to the difference between the fuel level data collected before and after the vehicle is ACC OFF, at which value a fuel exception alert will be triggered. The accuracy is "0.01".**Default: 1000**

**D=1–10000.**

It refers to the difference between the fuel level data collected before and after the vehicle is ACC ON, at which value a fuel exception alert will be triggered. The accuracy is "0.01".**Default: 1000**

**A=0/1.**

It refers to the fuel level sensor to set. The device supports two fuel level sensors: A and B.

0: Fuel level sensor A;

1: Fuel level sensor B

**B=0–254.**

It refers to the ID of the fuel level sensor to set (The IDs for the two fuel level sensors should be set differently)

**A: It refers to the collection interval when the vehicle is ACC ON.**

**Value range: 0–60 (min)**

**Default: 0**

**B: It refers to the collection interval when the vehicle is ACC OFF.**

**Value range: 0–60 (min)**

**Default: 0, which means temperature data will not be collected.**

**It is used to change the format of the temperature data to 3C.**

**Check the firmware version of JC170 or JC171**

For JC261

A = 0 / 2

0: Device enters sleep mode after uploading power-off alerts and event videos.

2: Device continues operating for A minutes after power-off alert.

For JC261\_12

A = 0 / 2~120

0: Device enters sleep mode after uploading power-off alerts and event videos.

2~120: Device continues operating for A minutes after power-off alert:

A = ON/OFF, the switching of Transparent transmission feature

B = Sensor type ID, 2 digits number

C = 0/1/2/3,

**0: No power and no data upload in ACC ON and ACC OFF;**

1: Power and upload only in ACC ON, off and no upload in ACC OFF;

2: Power and upload only in ACC OFF, off and no upload in ACC ON;

3: Power and upload in both ACC ON and ACC OFF.

D = Buatrate, default is 9600

E=Start bit of data uploading (Can be empty)

F=End bit of data uploading (Can be empty)

A = Transparent t data

Format:HEX

**A=0/3**

**0=AHD version**

3=JC170 version

4=JC171 version. When set to "4", see command item G024 and command item 4 in the JC171 Command sheet.

**A=0/1; DMS switch;**

0=OFF

**1=ON**

**B=1/2; Sensitivity;**

**1=Normal**

2=Aggressive

**C=Speed to start the alignment of the driver's face;**

Unit: km/h;

range: 0~120

**Note:**

After the alignment exception feature is enabled, the speed (C) condition set will be nullified, after which the DMS will be enabled at the speed of 0km/h by default

**A=Eyes closed**

**B=Yawning**

**C=Distracted/head low**

**D=Smoking**

**E=Calling**

**F=No face detected**

Set a period during which the device will not repeatedly give out voice announcements for the same type of events.

**JC400D Default: 5, 5, 5, 5, 5, 5**

**JC261 Default: 5, 5, 5, 5, 5, 60**

The unit is second (s), wherein you can set the report interval to "0" to always disable the voice

**A=Eyes closed**

**B=Yawning**

**C=Distracted/head low**

**D=Smoking**

**E=Calling**

**F=No face detected**

**JC400D Default: 120, 120, 120, 0, 0, 180**

**JC261 Default: 120, 120, 120, 120, 120, 120**

Set a period during which the device will not repeatedly send alert messages of the same type of events to the platform.

~~The unit is second (s), wherein you can set the report interval to "0" so the device will never upload the alert~~

**A=0~120**

This parameter, once successfully set, becomes invalid after the device re-enters ACC OFF.

**A=Eye closure duration**  
**B=Yawning duration**  
**C=Distracted (looking around/down) duration**  
**D=Smoking duration**  
**E=Phone use duration**  
**F=No face duration**

It is used to specify the duration during which the device continues to detect a bad behavior of the driver before an event is triggered.

**JC400D and JC261 Default: 3, 3, 3, 3, 3, 3**

The unit is second (s) and the value range is 1–10.

**A=1–10.** It indicates after how many alignment exceptions will the device generate a relevant alert. If A is set to "0", the feature is disabled.  
**B=0/1 (1: On, 0: Off );** Whether to notify the user via sound upon an alignment exception.  
**C=0/1,** wherein "0" indicates do not upload and "1" indicates upload. It is used to set whether to upload alignment exception messages to the platform.

**A=1–6;**  
It indicates the type of L2 events to set;  
1: Distracted;  
2: Eyes closed;  
3: Yawning;  
4: Calling;  
5: Smoking;  
6: No face detected.

**B=0/1–10;**  
It refers to the number of consecutive trigger times of L2 events. 0 indicates the feature is disabled.

**C=1–180**  
Unit: second  
It indicates the duration to compute the number of L2 events.

**D=0/1–10**  
Unit: second  
It indicates how long will the buzzer sound after an L2 event is triggered.  
0 indicates the feature is disabled.

**A=0/1**  
**0=Disable**  
**1=Enable**

Need to reboot the device after sending the command.

A = 0

0 = Auto calibration;

Note: If you need to perform manual calibration, please carry out the calibration process through WiFiKit.

**A=Type of event, fill in with the code**

1=ADAS function, FCW, front car collision

2=ADAS function, HMW, vehicle too close

3=ADAS function, LDW, lane deviation

**B=0/1**

0=disable

1=enable

**A=Type of event, fill in with the code**

1=ADAS function, FCW, front car collision

2=ADAS function, HMW, vehicle too close

3=ADAS function, LDW, lane deviation

**B=Period, 0-3600**

Unit: Second

**A=Type of event, fill in with the code**

1=ADAS function, FCW, front car collision

2=ADAS function, HMW, vehicle too close

3=ADAS function, LDW, lane deviation

**B=Period, 0-3600**

Unit: Second

**A=1 / 2 (ADAS event type)**

1=Forward Collision Warning (FCW) or Headway Monitoring Warning (HMW)

2=Lane Departure Warning (LDW)

**B=Speed threshold range in km/h**

B=30–255 (if A=1)

B=60–255 (if A=2)

The AI events will only be triggered when the vehicle's speed exceeds this value.

**Default: 30 (FCW), 30 (HMW), 60 (LDW)**

A=1/2/3, event type  
1=Lane departure warning  
2=Forward collision warning  
3=Headway monitor warning

when A=1,  
B= -0.3~0.6, default=-0.1  
C=1

The smaller the value, the more sensitive. A negative value indicates the distance to the compression line, while a positive value indicates the distance to the compression line. There is no limit to the number of digits behind the decimal point

when A=2,  
B=0-10 secs, default=1.5  
C=No need to enter

time threshold for a possible collision with the front car. B can be a decimal and there is no limit to the number of digits behind the decimal point

when A=3,  
B=0-10 secs, default=1.0  
C=No need to enter

time threshold for a possible collision with the front car. B can be a decimal and there is no limit to the number of digits behind the decimal point

#### **A=10-120**

Unit: km/h

**A=0-100;** Function switch and similarity percentage; 0: FACEID disabled, non-0: FACEID enabled; Once enabled, the device will start to recognize every time ACC is ON.

**Default:** 40

**B=1-255 (s);** Detection time;

**Default:** 180 (meaning the maximum detection time for a facial recognition failure is 180 seconds)

**C=0-255 (mins);** Detection interval; 0: No detection after the first detection during this trip (ACC ON), non-0: Detect at C intervals during a trip (ACC ON)

**Default:** 0;

**A= Driver ID**

**B= Driver name**

The Driver ID and name are unique identifiers that cannot be duplicated. They can be a combination of

**A= Driver ID-name**

You can delete multiple face photos simultaneously, using commas (,) to separate multiple driver ID-name parameters.

**A=URL of face photo(s)**

**Note:** Upon receiving this command, the JC261 downloads photos from the cloud server and send them to JC171 over TTL. A maximum of 5 photos can be transmitted per send.

This command sets the address to receive face photos uploaded by the JC261.

For integrated version, this command should be delivered following COREKITSW.

**A=Driver ID-name**

**Note:** One photo per get.

This command allows users to query the information about JC171's face library.

This command delivers the JC171 parameter configuration over the TTL of the JC261. See the JC171 Command sheet for supported commands.

A=0-6/Custom

0=Full image (0,0,1000,1000)

1=Left 1/2 (0,0,500,1000), suitable for driver seat on the right

2=Middle 1/2 (250,0,750,1000), suitable for driver seat in the middle (e.g. construction machinery)

3=Right 1/2 (500,0,1000,1000), suitable for driver seat on the left

4=Left 2/3 (0,0,660,1000), suitable for driver seat on the right with larger driver activity area

5=Middle 2/3 (120,0,880,1000), suitable for driver seat in the middle (e.g. construction machinery) with larger driver activity area

6=Right 2/3 (340,0,1000,1000), suitable for driver seat on the left with larger driver activity area

Custom=Xleft:Yleft:Xright:Yright

A=Detection sensitivity

**0=Off (default)**

1=Low (easier to detect the seatbelt)

2=Medium

3=High (more difficult to detect the seatbelt)

B=Detection duration (seatbelt-on duration required to trigger an event)

Range: 1–255s

**Default: 1**

C=Detection interval

0=Detect only once after powering on

1– 255 = Time interval between detections after the first detection in minutes

**Default: 0**

A=Detection sensitivity

0=Off (default)

1=Low (easier to detect the seatbelt)

2=Medium

3=High (more difficult to detect the seatbelt)

B=Detection duration (no-seatbelt duration required to trigger an event)

Range: 1–255s

Default: 180

C=Detection Interval

0=Detect only once after powering on

1–255 = Time interval between detections after the first detection in minutes

Default: 0

#### **json format**

A is the url to pull the audio streaming

#### **json format**

A is the url to pull the audio streaming

**mand is invalid;**

Example	Note
COREKITSW,0	
SERVER,1,dvrdev.tracksolidpro.com,21100	
UPLOAD,http://www.baidu.com/upload	
HTTPUPLOADLIMIT,5,3	

RSERVICE,192.168.0.1:1935/live	
FILELIST, <a href="http://www.baidu.com">http://www.baidu.com</a>	
FILELIST	
TFFILELIST,20250125,0	For JC261 series need to use V1.6.3 or later firmware
REPLAYLIST,2021_05_31_08_10_45_02.mp4,2021_05_31_08_11_46_02.mp4,2021_05_31_08_12_48_02.mp4	
REPLAYLIST,OFF	
HVIDEO,2020_01_01_24_05_06,1	

EVIDEO,2020-06-15 12:12:12,1,30

Picture,in

Video,in,3s

RTMP,ON,OUT,30	
APN#unim2m.gzm2mapn#unim2m.gzm2mapn	
APN,vivo,vivo,427,06 APN,vivo,vivo,427,06,,,JIMI,,JIMI,,,,,	
APN,FORCE,vivo,vivo,427,06	V1.7.1 or later

NETWORK,11	
ROAMING,ON	
	V1.7.1 or later
WIFIAP,ON,ABCD,12345678	

SSID,2,JIMI,JIMI@123	
BTNAME,ON	
VOLUME,2	
VOICESW,1	
VOICESW,1	For JC261 series need to use V1.3.1 or later firmware

AUDIOURL,http://183.238.245.122:1115/download/Voice/Chinese.zip	For JC261 series need to use V1.3.1 or later firmware
LED,ON	
TIMESYNC,gps	
TIMEZONE,+08:00	
GTRANS,2,2,100,10	

LOG,ALL,http://120.237.87.194:1115/upload	
	The query for device and TF card capacity is only supported in V1.6.3 and later of the JC261.
PING,HTTP	
PASSWORD,666666,123456	
CHECK	For JC261 series need to use V1.6.3 or later firmware
CHECKGPS	For JC261 series need to use V1.6.3 or later firmware
CHECKDMS	For JC261 series need to use V1.6.3 or later firmware
CHECKADAS	For JC261 series need to use V1.6.3 or later firmware

SHUTDOWNTIME,30	For JC261 series need to use V1.6.3 or later firmware
ADT,ON,60,3600	For JC261 series need to use V1.8.2.7 or later firmware
CUSTID,ADD,RICK-JC261-ABC1D23	For JC261 series need to use V1.8.3.2 or later firmware
HTTPMP3, <a href="https://jimi-ota.oss-cn-hongkong.aliyuncs.com/Test/playonlineaudio.mp3">https://jimi-ota.oss-cn-hongkong.aliyuncs.com/Test/playonlineaudio.mp3</a>	
RECORDSW,1,1	
RECORDAUDIO,0	
RECORDAUDIO_SUB,0	

CAMERA,OUT,1	
VIDEORESOLUTION_SUB,1	
MILE,0	
CAR,ABCD,12345,EFG67890HIJK	
MIRROR,in,OFF	
RATATION,IN,90	
PICTIMER,OFF,180,1,0,OFF	

PICTIMERSIZE,OUT,1	
PICRATE,40,40	
RECORDSW_SUB,2,0	
TIMER,ON,10	
ACCREP,ON,0,10,0	B,C,D parameter is supported only in versions after V1.8.0.9 for JC261 Series.
ANGLEREP,ON,15	
EVENTGPS,OFF	

MILEAGE,ON	
TIMER1,ON,60	
GPSLOCREPLY,ON	For JC261 series need to use V1.3.1 or later For JC400 series need to use V4.4.1.8 or later
FILTER,CRASH,5	
UPLOADSW,CRASH,ON	

VIDEOPARAM,7,15	
EXBATALM,0,115,0	C parameter is supported only in versions after V1.8.0.9 for JC261 Series.
FATIGUE,ON,4,5	

SPEED,ON,10,90,1

SOSALM,ON,1

SOS,A,123456789

SOS,D,123456789

CALL,2

DEFENSE,ON

DEFENSE_TIME,5	
SENALM,ON,2,0	D parameter is supported only in versions after V1.8.0.9 for JC261 Series.
SHOCK,10	
SHAKEDELAY,60	

CRASHALM,ON,2	
RAPIDAC,2	
RAPIDDEC,2	
RAPIDTURN,2	
NOSDCARDALM,ON,2	

COLLIDE,ON,0,120,0,15,6,70,90	For JC261 series need to use V1.3.1 or later For JC400 series need to use V4.4.1.8 or later
INSTALLANGLE,60	For JC261 series need to use V1.3.1 or later For JC400 series need to use V4.4.1.8 or later
SDABNORMAL,ON	For JC261 series need to use V1.3.1 or later
UPLOADFILE,EVENT_862798051058358_00000000_2024_11_27_10_29_53_ _105.ts	
RELAY,1	

UART,1,0,30,10,2,0,0,0	<p>G parameter is supported only in versions after V1.8.0.9 for JC261 Series.</p> <p>H parameter is supported only in versions after V1.8.3.2 for JC261 Series.</p>
SPEEDOMETER,ON	
CARDREADER,ON	

EXDEVICESW,1

OILPARAM,1,1,1000,1000

OILIDSET,0,01

TEMPCOLLECTINTERVAL,1,1

C170VERSION	V1.5.1 or later
PWROFFWK,2	V1.7.1 or later
UART,PROXY,ON,34,3,9600,3,10	For JC261 series need to use V1.8.0.9 or later
WSTCINFO,24215259303135310D0A	For JC261 series need to use V1.8.0.9 or later
DMSSW,3	DMSSW,4 only support when JC261 is in V1.5.1 or later

DMS_SWITCH,1,1,60	
DMS_VOICE_CUSTOM,10,10,10,10,10,10,10	
DMS_ALERT_CUSTOM,180,180,180,180,180,180,180	
DMS_VIRTUAL_SPEED,30	

DMS_CONTINUITY,3,3,3,3,3	
DMS_CALIB_ANORMAL,3,1,0	
DMS_SECOND_EVENT,2,5,60,3	
ADASSW,1	

ADAS,CALMODE,0	For JC261 series need to use V1.6.3 or later firmware
ADASSEP,2,1	
ADASPI,2,50	
ADASVI,2,50	
ADASSP,1,60 ADASSP,2,60	

ADASSEN,1,-0.2,1 ADASSEN,2,2.0 ADASSEN,3,2.5	
ADASVSP,60	
FACEID,80,60,0	For JC261 series need to use V1.5.1 or later
EVENTSET,FACE,SHOT,2333,John	For JC261 series need to use V1.5.1 or later
EVENTSET,FACE,TEST	For JC261 series need to use V1.5.1 or later
EVENTSET,FACE,DEL,13076991533-LIU,13076991533-LIULINGCHANG	For JC261 series need to use V1.5.1 or later

EVENTSET,FACE,DOWN, <a href="https://jimi-dvr-log.oss-cn-shenzhen.aliyuncs.com/face_id_test.zip">https://jimi-dvr-log.oss-cn-shenzhen.aliyuncs.com/face_id_test.zip</a>	For JC261 series need to use V1.5.1 or later
	For JC261 series need to use V1.5.1 or later
EVENTSET,FACE,GET,13076991534-LIUDAAA	For JC261 series need to use V1.5.1 or later
	For JC261 series need to use V1.5.1 or later
UART,TRANS,[DMSSP,2,30,1,0]	For JC261 series need to use V1.5.1 or later
DMS_CHECK_AREA,1 DMS_CHECK_AREA,1:1:999:999	For JC261 series need to use V1.6.1 or later
EVENTSET,AWSB,2,10,60	For JC261 series need to use V1.6.1 or later

EVENTSET,ANWSB,1,1,60	For JC261 series need to use V1.6.1 or later
{"startTalkURL":"rtmp://183.238.245.122:1112/live/123456"} Reply: OK!	For JC261 series need to use V1.8.0.9 or later
{"stopTalkURL":"rtmp://183.238.245.122:1112/live/123456"} Reply: OK!	For JC261 series need to use V1.8.0.9 or later

Num	The name of the event	Function code
1	SOS	SOS
2	Crash	CRASH
3	Vibration	VIBRATE
4	Overspeed	OVERSPEED
5	Harsh acceleration	RAPIDACC
6	Rapid deceleration	RAPIDDEC
7	Sharp turn	RAPIDTURN
8	Overtime fatigue driving	DRIVE
9	Power off	POWER
10	Low battery	VOLTAGELOW
11	Close eyes	CLOSEEYES
12	Yawn	YAWN
13	Distraction	DISTRACTION
14	Smoking	SMOKING
15	Phone calling	PHONECALLING
16	Cut off engine	RELAYOFF
17	Recover engine	RELAYRECOVERY
18	No face detected	MISSINGFACE
19	SD card is removed	NOSDCARD
20	SD card is inserted	SDCARDMOUNT
21	Stealing oil	OIL
22	Oil Sensor timeout	OILTO
23	Temp sensor timeout	TEMPTO
24	UART SWITCH	UART
25	Lane departure	LANEDEPARTURE
26	Vehicle too close	VEHICLETOOCLOSE
27	Forward collision	FORWARDCOLLISION
28	Door detection	UART DOOR
29	Facial identification successful	AFIS
30	Facial identification failed	AFIF
31	Seatbelt on	AWSB
32	Seatbelt off	ANWSB
33	Illegal driving ( QCVN31 )	ILLGAL
34	Face library upload platform	FACE

	<b>Event</b>	<b>Camera</b>	<b>Type</b>	<b>SN</b>
<b>常规录像</b> <b>General Recording</b>	Front Cam	HD video	03	
		Low quality video	01	
	Inner Cam	HD video	04	
		Low quality video	02	
<b>行车碰撞</b> <b>collision event</b>	Front Cam	HD video	05	
	PIP (0-1)	HD video	205	
	Inner Cam	HD video	06	
	PIP (1-0)	HD video	206	
<b>停车震动</b> <b>Parking vibration</b>	Front Cam	HD video	27	
	PIP (0-1)	HD video	227	
	Inner Cam	HD video	28	
	PIP (1-0)	HD video	228	
<b>远程操作</b> <b>Remote</b>	<b>远程录像</b> <b>remote video</b>	Front Cam	HD video	07
		Inner Cam	HD video	08
	<b>远程拍照</b> <b>remote photo</b>	Front Cam	Photo	09
		Inner Cam	Photo	10
<b>DMS</b>	<b>Calibration error</b>	Front Cam	HD video	133
		PIP (0-1)	HD video	333
		Inner Cam	Low quality video	11
		PIP (1-0)	HD video	211
	<b>Face missing</b>	Front Cam	HD video	134
		PIP (0-1)	HD video	334
		Inner Cam	Low quality video	12
		PIP (1-0)	HD video	212
	<b>Eye closed</b>	Front Cam	HD video	135
		PIP (0-1)	HD video	335
		Inner Cam	Low quality video	13
		PIP (1-0)	HD video	213
	<b>Yawn</b>	Front Cam	HD video	136
		PIP (0-1)	HD video	336
		Inner Cam	Low quality video	14
		PIP (1-0)	HD video	214
	<b>Distraction</b>	Front Cam	HD video	137
		PIP (0-1)	HD video	337
		Inner Cam	Low quality video	15
		PIP (1-0)	HD video	215
	<b>Look down</b>	Front Cam	HD video	138
		PIP (0-1)	HD video	338
		Inner Cam	Low quality video	16
		PIP (1-0)	HD video	216
	<b>Smoking</b>	Front Cam	HD video	139
		PIP (0-1)	HD video	339
		Inner Cam	Low quality video	17
		PIP (1-0)	HD video	217
	<b>Phone calling</b>	Front Cam	HD video	140
		PIP (0-1)	HD video	340
		Inner Cam	Low quality video	18
		PIP (1-0)	HD video	218

	<b>Monitoring shelter</b>	Front Cam	HD video	141
		PIP (0-1)	HD video	341
		Inner Cam	Low quality video	19
		PIP (1-0)	HD video	219
SOS按钮 SOS Key	<b>求救 SOS</b>	Front Cam	HD video	23
		PIP (0-1)	HD video	223
		Inner Cam	HD video	24
		PIP (1-0)	HD video	224
驾驶行为功能 <b>Driving behavior</b>	<b>急加速 rapid acceleration</b>	Front Cam	HD video	47
		PIP (0-1)	HD video	247
		Inner Cam	HD video	48
		PIP (1-0)	HD video	248
	<b>急减速 decelerate rapidly</b>	Front Cam	HD video	51
		PIP (0-1)	HD video	251
		Inner Cam	HD video	52
		PIP (1-0)	HD video	252
	<b>急转弯 make a sudden turn</b>	Front Cam	HD video	55
		PIP (0-1)	HD video	255
		Inner Cam	HD video	56
		PIP (1-0)	HD video	256
	<b>超速 over speed</b>	Front Cam	HD video	35
		PIP (0-1)	HD video	235
		Inner Cam	HD video	36
		PIP (1-0)	HD video	236
	<b>疲劳驾驶 driving while fatigued</b>	Front Cam	HD video	31
		PIP (0-1)	HD video	231
		Inner Cam	HD video	32
		PIP (1-0)	HD video	232
	<b>非法驾驶 Illegal driving</b>	Front Cam	HD video	143
		PIP (0-1)	HD video	343
		Inner Cam	HD video	144
		PIP (1-0)	HD video	344
存储卡 <b>SD card</b>	<b>没内存卡 No memory card</b>	Front Cam	Photo	145
		Inner Cam	Photo	146
		Front Cam	HD video	67
		PIP (0-1)	HD video	267
VIDEO	<b>Insert</b>	Inner Cam	HD video	68
		PIP (1-0)	HD video	268
		Front Cam	HD video	95
		PIP (0-1)	HD video	295
	<b>EVIDEO</b>	Inner Cam	HD video	96
		PIP (1-0)	HD video	296
	<b>HVIDEO</b>	Front Cam	Low quality video	22
		Inner Cam	Low quality video	25
	<b>Time-Lapse (TLVIDEOUPLOAD)</b>	Front Cam	HD video	33
		PIP (0-1)	HD video	233
		Inner Cam	HD video	34

		PIP (1-0)	HD video	234
External Power	Removal	Front Cam	HD video	39
		PIP (0-1)	HD video	239
		Inner Cam	HD video	40
		PIP (1-0)	HD video	240
	外电低电 low voltage	Front Cam	HD video	43
		PIP (0-1)	HD video	243
		Inner Cam	HD video	44
		PIP (1-0)	HD video	244
Relay	Reconnect	Front Cam	HD video	99
		PIP (0-1)	HD video	299
		Inner Cam	HD video	100
		PIP (1-0)	HD video	300
	断油电 Oil and electricity disconnected	Front Cam	HD video	63
		PIP (0-1)	HD video	263
		Inner Cam	HD video	64
		PIP (1-0)	HD video	264
RS232	Oil data missing	Front Cam	HD video	87
		PIP (0-1)	HD video	287
		Inner Cam	HD video	88
		PIP (1-0)	HD video	288
	Oil stolen	Front Cam	HD video	79
		PIP (0-1)	HD video	279
		Inner Cam	HD video	80
		PIP (1-0)	HD video	280
	Temp data timeout	Front Cam	HD video	91
		PIP (0-1)	HD video	291
		Inner Cam	HD video	92
		PIP (1-0)	HD video	292
	RFID error	Front Cam	HD video	26
		PIP (0-1)	HD video	226
		Inner Cam	HD video	30
		PIP (1-0)	HD video	230
Picture	Periodic	Front Cam	Photo	75
		Inner Cam	Photo	76
Sealbelt (UART)	Open	Front Cam	Photo	125
		Inner Cam	Photo	126
		Front Cam	HD video	127
		Inner Cam	HD video	128
	Close	Front Cam	Photo	129
		Inner Cam	Photo	130
		Front Cam	HD video	131
		Inner Cam	HD video	132
Door	Open	Front Cam	HD video	147
		Inner Cam	HD video	148
		Front Cam	Photo	149
		Inner Cam	Photo	150
		Front Cam	HD video	151
		Inner Cam	HD video	152

		<b>CLOSE</b>		
		Front Cam	Photo	153
		Inner Cam	Photo	154
<b>Driver</b>	<b>Identification</b>	Inner Cam	Photo	84
<b>ADAS</b>	<b>Lane departure</b>	Front Cam	HD video	115
		PIP (0-1)	HD video	315
		Inner Cam	HD video	116
		PIP (1-0)	HD video	316
	<b>Distance maintenance</b>	Front Cam	HD video	117
		PIP (0-1)	HD video	317
		Inner Cam	HD video	118
		PIP (1-0)	HD video	318
	<b>Forward Collision</b>	Front Cam	HD video	119
		PIP (0-1)	HD video	319
		Inner Cam	HD video	120
		PIP (1-0)	HD video	320
	<b>Front vehicle started</b>	Front Cam	HD video	121
		PIP (0-1)	HD video	321
		Inner Cam	HD video	122
		PIP (1-0)	HD video	322
	<b>Photo capture</b>	Front Cam	Photo	123
<b>Facial Identification</b>	<b>AFIS</b>	Front Cam	HD video	101
		Inner Cam	HD video	102
		Inner Cam	Photo	103
	<b>AFIF</b>	Front Cam	HD video	104
		Inner Cam	HD video	105
		Inner Cam	Photo	106
<b>Sealbelt (171)</b>	<b>AWSB</b>	Front Cam	Photo	172
		Inner Cam	Photo	173
		Front Cam	HD video	170
		Inner Cam	HD video	171
	<b>ANWSB</b>	Front Cam	Photo	176
		Inner Cam	Photo	177
		Front Cam	HD video	174
		Inner Cam	HD video	175

<b>Channel</b>	<b>Alert type</b>	<b>Default Resolution</b>
F	N/A	1920×1080
		640×360
I		1280×720
		640×360
F	0x93	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x80	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	N/A	1920×1080
I		1280×720
F	N/A	1920×1080
I		1280×720
F	0xA2	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x94	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x8C	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0xA0	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x8F	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0xA3	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x9A	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x97	1920×1080
F		1280x720
I		1280×720
I		1280x720

F	0xA1	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x01	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x90	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x91	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x92	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x87	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x47	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x9B	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x86	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	0x70	1920×1080
F		1280×720
I		1280×720
I		1280×720
F	N/A	
I		
F		
F	N/A	1280×720
F		1280×720
I		1280×720

I		1280x720
F		1920×1080
F	0x88	1280x720
I		1280×720
I		1280x720
F	0x0E	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x8A	
F		1280x720
I		
I		1280x720
F	0x8B	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x73	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x53	
F		1280x720
I		
I		1280x720
F	0x76	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x5D	
F		1280x720
I		
I		1280x720
F	N/A	1920×1080
I		1280×720
F	0xA7	1920×1080
I		1280×720
F		1920×1080
I		1280×720
F	0xA6	1920×1080
I		1280×720
F		1920×1080
I		1280×720
F	0x51	1280×720
I		1280×720
F		1280×720
I		1280×720
F		1280×720
I	0x50	1280×720

F	0x00	1280×720
I		1280×720
I		1280×720
F	0xE4	1280×720
F		1280×720
I		1280×720
I		1280×720
F		1280×720
F	0xCE	1280×720
I		1280×720
I		1280×720
F		1280×720
F	0xE5	1280×720
I		1280×720
I		1280×720
F		1280×720
F	0xD4	1280×720
I		1280×720
I		1280×720
F		1920×1080
I	0xD5	1280×720
I		1280×720
F		1920×1080
I	0x83	1280×720
I		1280×720
F		1920×1080
I		1280×720
F	0x84	1920×1080
I		1280×720
F		1920×1080
I		1280×720

No.	Permissions	Model	Module	Category
1	Public	JC171	System setting	Check memory card status
2	Public	JC171	System setting	Memory card formatting

Function	Format
Query the total and used capacities of the memory card	TF,CAPACITY
Format the inserted memory card	TF,FORMAT

Comment
This command is used to view the total and used capacities of the memory card of the JC171 device.
Format the TF card in the JC171.

Example	Note