

# Revision History

Version	Description
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.

# Story

[illegible]

Modified By	Date
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	

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# Jimi IoT

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

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

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

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



<b>B003</b>	<b>Public</b>	<b>ALL</b>	<b>Device Management</b>	Network connection
<b>B004</b>	<b>Public</b>	<b>ALL</b>	<b>Device Management</b>	Network connection
<b>B032</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>Device Management</b>	Network connection
<b>B005</b>	<b>Public</b>	<b>ALL</b>	<b>Device Management</b>	WiFi mode setting

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

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

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

<b>B031</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>Device Management</b>	Maintenance
<b>B034</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>Device Management</b>	Maintenance
<b>B035</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>Device Management</b>	Maintenance
<b>B036</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>Device Management</b>	Maintenance
<b>C001</b>	<b>Public</b>	<b>ALL</b>	<b>Video Recording</b>	Video recording switch
<b>C002</b>	<b>Public</b>	<b>ALL</b>	<b>Video Recording</b>	Audio recording switch
<b>C003</b>	<b>Public</b>	<b>ALL</b>	<b>Video Recording</b>	Audio recording switch

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

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

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



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

E007	Public	ALL	Event Feature	Speeding event
E008	Public	ALL	Event Feature	SOS event
E009	Public	ALL	Event Feature	SOS event
E010	Public	ALL	Event Feature	SOS event
E011	Public	ALL	Event Feature	SOS event
E012	Public	ALL	Event Feature	Parking vibration event

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

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

<b>E024</b>	<b>Public</b>	<b>ALL</b>	<b>Event Feature</b>	Collision event
<b>E025</b>	<b>Public</b>	<b>ALL</b>	<b>Event Feature</b>	Collision event
<b>E026</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>Event Feature</b>	TF card abnormal
<b>E027</b>	<b>Public</b>	<b>ALL</b>	<b>Event Feature</b>	Event video
<b>F001</b>	<b>Public</b>	<b>ALL</b>	<b>Accessories</b>	Relay

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

<b>F006</b>	<b>Public</b>	<b>ALL</b>	<b>Accessories</b>	RFID Reader
<b>F007</b>	<b>Public</b>	<b>ALL</b>	<b>Accessories</b>	Fuel level sensor
<b>F008</b>	<b>Public</b>	<b>ALL</b>	<b>Accessories</b>	Fuel level sensor
<b>F009</b>	<b>Public</b>	<b>ALL</b>	<b>Accessories</b>	Temperature sensor

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



<b>G002</b>	<b>Public</b>	<b>Only for JC261 &amp; JC400D</b>	<b>AI Features</b>	DMS parameters setting
<b>G003</b>	<b>Public</b>	<b>Only for JC261 &amp; JC400D</b>	<b>AI Features</b>	DMS parameters setting
<b>G004</b>	<b>Public</b>	<b>Only for JC261 &amp; JC400D</b>	<b>AI Features</b>	DMS parameters setting
<b>G005</b>	<b>Public</b>	<b>Only for JC261 &amp; JC400D</b>	<b>AI Features</b>	DMS parameters setting

<b>G006</b>	<b>Public</b>	<b>Only for JC261 &amp; JC400D</b>	<b>AI Features</b>	DMS parameters setting
<b>G007</b>	<b>Public</b>	<b>Only for JC400D</b>	<b>AI Features</b>	DMS parameters setting
<b>G008</b>	<b>Public</b>	<b>Only for JC261</b>	<b>AI Features</b>	DMS parameters setting
<b>G009</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting

<b>G029</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting
<b>G010</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting
<b>G011</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting
<b>G012</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting
<b>G013</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting

<b>G014</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting
<b>G015</b>	<b>Public</b>	<b>Only for JC261 &amp; JC261P</b>	<b>AI Features</b>	ADAS parameters setting
<b>G016</b>	<b>Public</b>	<b>Only for JC261</b>	<b>AI Features</b>	<b>Facial identification setting</b>
<b>G017</b>	<b>Public</b>	<b>Only for JC261</b>	<b>AI Features</b>	<b>Facial identification setting</b>
<b>G018</b>	<b>Public</b>	<b>Only for JC261</b>	<b>AI Features</b>	<b>Facial identification setting</b>
<b>G019</b>	<b>Public</b>	<b>Only for JC261</b>	<b>AI Features</b>	<b>Facial identification setting</b>

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

<b>G027</b>	<b>Public</b>	<b>Only for JC261</b>	<b>AI Features</b>	No seatbelt detection
H001	Public	<b>Only for JC261 &amp; JC261P</b>	<b>Action</b>	Press to talk
H002	Public	<b>Only for JC261 &amp; JC261P</b>	<b>Action</b>	Press to talk

1. This command list is applicable
2. Command format: header + parameter
3. Please refer to the "Module" document
4. If a command header is marked

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</b> ,<A>
Modify the TCP address	<b>SERVER</b> ,<M>,<A>,<P>
Modify the HTTP address	<b>UPLOAD</b> ,<A>
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</b> ,<A>,<B>

Modify the RTMP address	<b>RSERVICE</b> ,<A>
Modify the server address to receive the playback video namelist file.	FILELIST,<A>
Let the device to upload the playback video namelist file to the server.	FILELIST
Let the device upload the namelist of video files from the TF card to the server.	TFFILELIST,<A>,<B>
Let the device to push the playback video streaming to RTMP server, then you can use them to display in your platform.	REPLAYLIST,<A>
Stop pushing playback video streaming.	REPLAYLIST,OFF
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.	HVIDEO,<A>,<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>	<p>EVIDEO,&lt;A&gt;,&lt;B&gt;,&lt;C&gt;</p>
<p>Capture the images from the device.</p>	<p>Picture,&lt;A&gt;</p>
<p>Capture the video (H.264) from the device.</p>	<p>Video,&lt;A&gt;,&lt;B&gt;</p>

Request live streaming	RTMP,<A>,<B>,<C>
Add and set the APN of the SIM card	APN,<A>,<B>
Add and set the APN of the SIM card in detail	APN,<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	APN,FORCE,<A>,<B>,<C>,<D>

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

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

Download the voice prompt file	AUDIOURL,<A>
Turn on/off the LEDs	LED,<A>
Set the calibration time method of the system	TIMESYNC,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	TIMEZONE,A#
Collect and upload G-Sensor data	GTRANS,<A>,<B>,<C>,<D>
Query the firmware version	VERSION
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)	HTTPMP3,<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</b> ,<A>,<B>
Set the interval for uploading location packets while ACC OFF	<b>TIMER1</b> ,<A>,<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</b> ,<A>
Set the interval of the device to trigger the same type of events	<b>FILTER</b> ,<A>,<B>
Configure automatic upload of event video footage.	<b>UPLOADSW</b> ,<A>,<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>EXBATLM</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>

Set the period delay for the device to entry defense mode after the ACC OFF. Need to make sure already enable the defense mode.	<b>DEFENSE_TIME</b> ,<A>
Set the sensitivity to trigger a vibration event when the vehicle parking.	<b>SENALM</b> ,<A>,<B>,<C>
Set the sensitivity to trigger a vibration event when the vehicle parking in detail.  <b>This command is the advanced configuration of SENALM command</b>	<b>SHOCK</b> ,<A>
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/	<b>SHAKEDELAY</b> ,<A>

Set the sensitivity to trigger a collision alert when the vehicle driving.	<b>CRASHALM</b> ,<A>,<B>
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> ".	<b>RAPIDACC</b> ,<A>
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> ".	<b>RAPIDDEC</b> ,<A>
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> ".	<b>RAPIDTURN</b> ,<A>
Set the parameters of SD card alarm	<b>NOSDCARDALM</b> ,<A>,<B>

Set the condition parameters for the device to trigger collision alert	<b>COLLIDE</b> ,A,B,C,D,E,F,G,H
Set the installation angle (windshield) for collision algorithm	<b>INSTALLANGLE</b> ,A
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</b> ,<A>
Get the specific event video file from the device	<b>UPLPADFILE</b> ,<A>
Remotely cut off the fuel/power of the vehicle	<b>RELAY</b> ,<A>

Connect the door sensor via the UART, then you can enable or disable this function.

**UART**,<A>,<B>,<C>,<D>,<E>,<F>,<G>,<H>

It is a function switch

**SPEEDOMETER**,<A>

It is a function switch

**CARDREADER**,<A>

Set the permission level for the card reader

**DRIVERLEVEL**,<A>,<B>,<C>,<X>



It is used to identify the driver by swiping the card	<b>EXDEVICESW</b> ,<A>
Set the threshold fuel level at which the sensor will generate an alert	<b>OILPARAM</b> ,<A>,<B>,<C>,<D>
Set the ID of the fuel level sensor.	<b>OILIDSET</b> ,<A>,<B>
Set the interval to collect temperature data	<b>TEMPCOLLECTINTERVAL</b> ,<A>,<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. <b>Note: This requires the use of either the KX001(For JC261) or KX001_4L(For JC261_12).</b>	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. <b>Note: After you change the mode, the device will restart 10 seconds later</b>	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.	ADAS,CALMODE,A
<p>Enable or Disable each ADAS function</p> <p><b>Note:</b> Please make sure the ADAS function is enabled (G009)</p>	<p>ADASSEP,&lt;A&gt;,&lt;B&gt;</p>
<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>	<p>ADASPI,&lt;A&gt;,&lt;B&gt;</p>
<p>Set the device to filter same voice announcements</p> <p><b>Note:</b> Please make sure the ADAS function is enabled (G009)</p>	<p>ADASVI,&lt;A&gt;,&lt;B&gt;</p>
<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>	<p>ADASSP,&lt;A&gt;,&lt;B&gt;</p>

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

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":"URL"}
Stop pulling audio streaming	{"stopTalkURL":"URL"}



e to JC400 & JC261 series products;  
 rameters, which will be separated by colons ‘,’;  
 escription 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.</p> <p>Note:</p> <p>Before switching the device to the integrated method, you must first do the followings in the strict order:</p> <ol style="list-style-type: none"> <li>1) Switch the working logic,</li> <li>2) Modify the addresses of HTTP and RTMP servers</li> <li>3) Modify the address of the TCP server.</li> </ol>
<p><b>M=0/1.</b> It refers to the address type, wherein "0" refers to "IP" and "1" "domain name".  <b>A=Server address</b> (IP or domain name)  <b>P=Server port</b>            The device will restart after the address of the TCP server is changed.</p> <p>Note:</p> <p>Before switching the device to the integrated method, you must first do the followings in the strict order:</p> <ol style="list-style-type: none"> <li>1) Switch the working logic,</li> <li>2) Modify the addresses of HTTP and RTMP servers</li> <li>3) Modify the address of the TCP server.</li> </ol>
<p><b>A=HTTP address.</b></p> <p>Note:</p> <p>Before switching the device to the integrated method, you must first do the followings in the strict order:</p> <ol style="list-style-type: none"> <li>1) Switch the working logic,</li> <li>2) Modify the addresses of HTTP and RTMP servers</li> <li>3) Modify the address of the TCP server.</li> </ol>
<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
<p>If URL is empty, Upload all logs in the device to Jimi log server.</p> <p>If URL is input, upload all logs in the device to the that URL (following http protocol)</p>
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
<p>A=Old password, which is required or the set will fail</p> <p>B=New password, which should be 6 digits</p> <p>Default is <b>666666</b>;</p>
<p>This command is used to format the memory card of the device.</p> <p><b>Note: All data will be cleared!</b></p>
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 won't 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**

**$(x+1)/256 \times \text{RANGE}$**

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

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

**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

3: 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=Distraction (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,http://www.baidu.com	
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,https://jimi-ota.oss-cn-hongkong.aliyuncs.com/Test/playonlineaudio.mp3	
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_I_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

DMS\_ALERT\_CUSTOM,180,180,180,180,180,180

DMS\_VIRTUAL\_SPEED,30

DMS_CONTINUITY,3,3,3,3,3	
DMS_CALIB_ABNORMAL,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,https://jimi-dvr-log.oss-cn-shenzhen.aliyuncs.com/face_id_test.zip	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

Event		Camera	Type	SN
常规录像 General Recording		Front Cam	HD video	03
			Low quality video	01
		Inner Cam	HD video	04
			Low quality video	02
行车碰撞 collision event		Front Cam	HD video	05
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		Inner Cam	Photo	10
DMS	Calibration error	Front Cam	HD video	133
		PIP (0-1)	HD video	333
		Inner Cam	Low quality video	11
		PIP (1-0)	HD video	211
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		PIP (0-1)	HD video	334
		Inner Cam	Low quality video	12
		PIP (1-0)	HD video	212
	Eye closed	Front Cam	HD video	135
		PIP (0-1)	HD video	335
		Inner Cam	Low quality video	13
		PIP (1-0)	HD video	213
	Yawn	Front Cam	HD video	136
		PIP (0-1)	HD video	336
		Inner Cam	Low quality video	14
		PIP (1-0)	HD video	214
	Distraction	Front Cam	HD video	137
		PIP (0-1)	HD video	337
		Inner Cam	Low quality video	15
		PIP (1-0)	HD video	215
	Look down	Front Cam	HD video	138
		PIP (0-1)	HD video	338
		Inner Cam	Low quality video	16
		PIP (1-0)	HD video	216
	Smoking	Front Cam	HD video	139
		PIP (0-1)	HD video	339
		Inner Cam	Low quality video	17
		PIP (1-0)	HD video	217
	Phone calling	Front Cam	HD video	140
		PIP (0-1)	HD video	340
		Inner Cam	Low quality video	18
		PIP (1-0)	HD video	218

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		PIP (0-1)	HD video	341
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		Inner Cam	HD video	52
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	<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
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		PIP (0-1)	HD video	287
		Inner Cam	HD video	88
		PIP (1-0)	HD video	288
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		Inner Cam	HD video	80
		PIP (1-0)	HD video	280
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		PIP (0-1)	HD video	291
		Inner Cam	HD video	92
		PIP (1-0)	HD video	292
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		PIP (0-1)	HD video	226
		Inner Cam	HD video	30
		PIP (1-0)	HD video	230
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		Inner Cam	Photo	126
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		Inner Cam	HD video	128
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		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
	Close	Inner Cam	Photo	150
		Front Cam	HD video	151
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	<b>ANWSB</b>		Front Cam	Photo	176
			Inner Cam	Photo	177
			Front Cam	HD video	174
			Inner Cam	HD video	175

Channel	Alert type	Default Resolution
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		1280x720
I		1280×720
I		1280x720
F	0x01	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x90	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x91	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x92	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x87	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x47	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x9B	1920×1080
F		1280x720
I		1280×720
I		1280x720
F	0x86	1920×1080
I		1280×720
F		1920×1080
F		1280x720
I	0x70	1280×720
I		1280x720
F		1280×720
F		1280x720
F	N/A	
I		
F	N/A	
I		
F	N/A	1280x720
F		1280x720
I		1280x720

I		1280x720
F	0x88	1920×1080
F		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		1280×720
I	0x50	1280×720

F	0x30	1280×720
I		1280×720
I		1280×720
F	0xE4	1280×720
F		1280x720
I		1280×720
I		1280x720
F	0xCE	1280×720
F		1280x720
I		1280×720
I		1280x720
F	0xE5	1280×720
F		1280x720
I		1280×720
I		1280x720
F		1280×720
F		1280x720
I		1280×720
I		1280x720
F	0xD4	1280x720
F		1920×1080
I		1280x720
I		1280x720
F	0xD5	1920×1080
I		1280x720
I		1280x720
F		1280x720
F	0x83	1920×1080
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