https://wiki.teltonika-gps.com/view/DashCam_SMS_commands

DashCam SMS commands

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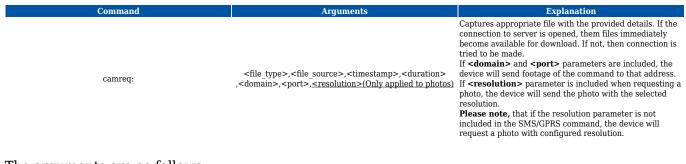
Camera firmware version

Additional SMS/GPRS command for cameras' firmware checking. Since both cameras are separate, there are two versions returned.

Command	Arguments	Explanation
camgetver		Used to check firmware versions. Returns version in the format: V <major>.<minor>.<revision>. For example, V1.9.3. Because there are two cameras, two versions are returned. The complete response would look like this: Front camera V1.9.3. If there are problems reading the version or if the camera is not responding/connected, the return would be this: The front camera camgetver failed.</revision></minor></major>

Camera request command

A new camera request has been added, which allows the server to request files from a camera. The format is as provided below in the table:



The arguments are as follows:

- <file_type>
 - $\circ~0$ Video
 - 1 Photo
- <file_source>
 - \circ 1 Front camera
- <timestamp>
 - Unix timestamps in decimal (not required for photo download)
- <duration>

 $\circ\,$ Video duration in seconds from provided timestamps (not required for photo download), (max 30 sec)

• <resolution> (Only applied to photos)

- $\circ~0$ Use the resolution provided in the configuration
- 1 160x120
- 2 320x240
- ∘ 3 640x480
- 4 1280x720
- 5 1920x1080

Structure examples:

camreq:<file type>,<file source>(if video, add ",<timestamp>,<duration>)

However, if there is a need to send to the specific server without configuring, you can add two extra parameters. The complete structure:

camreq:<file type>,<file source>(if video, add ",<timestamp>,<duration>),<domain>,port

For example: camreq:0,1,1624960616,5,212.59.13.226,7160

camreq:1,<file source>,<domain>,<port>,<resolution>

Upload with domain, port, and resolution provided by a request. Example: camreq:1,1,192.168.1.1,12345,4

Conditions	Command response		
Request successful and server connection successful. Device is ready to send selected file	Preparing to send file from timestamp <timestamp file="" of="" the=""></timestamp>		
Request successful but the device was already connected to the server. Device is ready to send selected file		Already connected. Prepar timestamp <timestamp of<="" td=""><td></td></timestamp>	
Request received but the capture failed		Error: capture failed	
Request received but the device cannot proceed with the capture and sending because ignition is off $% \left(\mathcal{A}^{(1)}_{\mathcal{A}}\right) =0$		Error: Cannot capture beca	ause ignition is off
Request received but the previously captured and prepared photo/video was not sent. New media is not captured. The device is ready to send the previous capture	Photo request from source <1-3> (If photo request)	Warning: Photo / Video alr • trying to send it	eady captured previously,
Request received but the device was already connected to the server. New media is not captured. The device is ready to send previous capture		Already connected. Warning: Photo / Video already captured previously, trying to send it	
Request received but the camera doesn't acknowledge sent command. Nothing will be sent	Video request from source <1-3> for <1-30> seconds since YYYY- MM-DD HH:MM:SS.	Error: DashCam NAK	
Request received but the camera is not connected or not working	(If video request)	Error: DashCam not present	
Request received but the camera is not connected or not working		Error: requested file does not exist Error: connect to server	
Request received but the device cannot connect to the server			
Request received but the modem is not ready for operation (network or modem issue)		Error: modem not ready to	start send
Request received but the device cannot proceed with the capture and sending because the camera is being reconfigured		Cannot send, DashCam cor	figuration is in progress
Request received but file capture time was exceeded.		Error: Media request time	out
Request received but capture completed incorrectly		Error: Media request probl	em
File type parameter incorrect in the request command		File Type	
File Source parameter incorrect in the request command	Error: Invalid	File Source	argument in camera
Timestamp parameter incorrect in the request command		Timestamp	request cmd!
Duration parameter incorrect in the request command		Duration	
Cannot proceed with the request, ignition is off	Error: Ignition not detected!		
Request command structure incorrect	Error: Invalid camera request command!		
RS232 and DashCam mode is not enabled	Error: DashCam is not configured!		
Front or rear camera not found	Error: Front / Rear Camera not present		

Camera SD card format command

The following command will format the SD card of the camera, and return the status (success or fail) of the format SD card command.



Example: camget_sdformat:1

Camera restart command

The following command will restart the camera, and return the status (success or fail) of the sent $\operatorname{command}$

Command	Arguments	Explanation
camget_restart:	<cam id=""></cam>	• 1 - Front camera

Example: camget_restart:1