SYSTEM

System settings – section with system settings such as:

- Time zone;
- Storage;
- File names pattern;
- System information sending interval;
- URL of the server that receives system information;
- NTP server settings;
- Setting the device reboot time;
- Ignition sensor settings;

Time

Figure 1 – Time

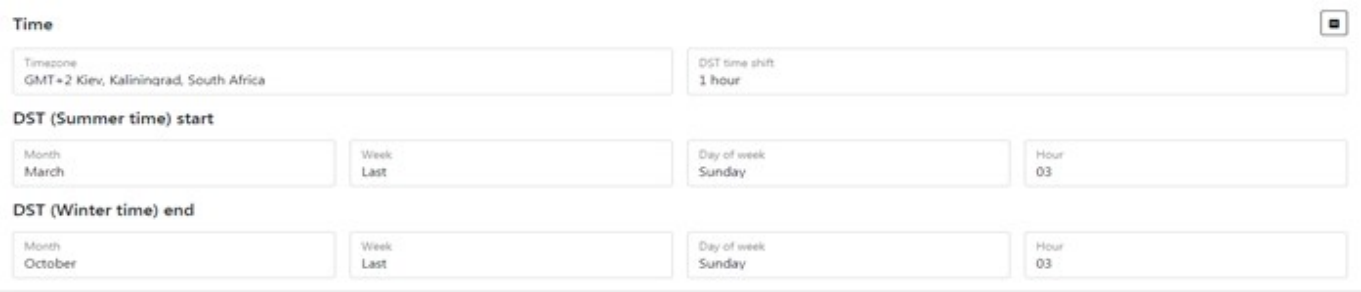

Table 1 – Parameter Description of Time

Parameter	Parameter Description
Timezone	The time zone that will be set on the device
DST time shift	The magnitude of the seasonal clock shift
DST (Summer time)start	Daylight saving time setting
DST (Winter time) end	Set clock to “winter time

System maintenance

Figure 2 – section System maintenance

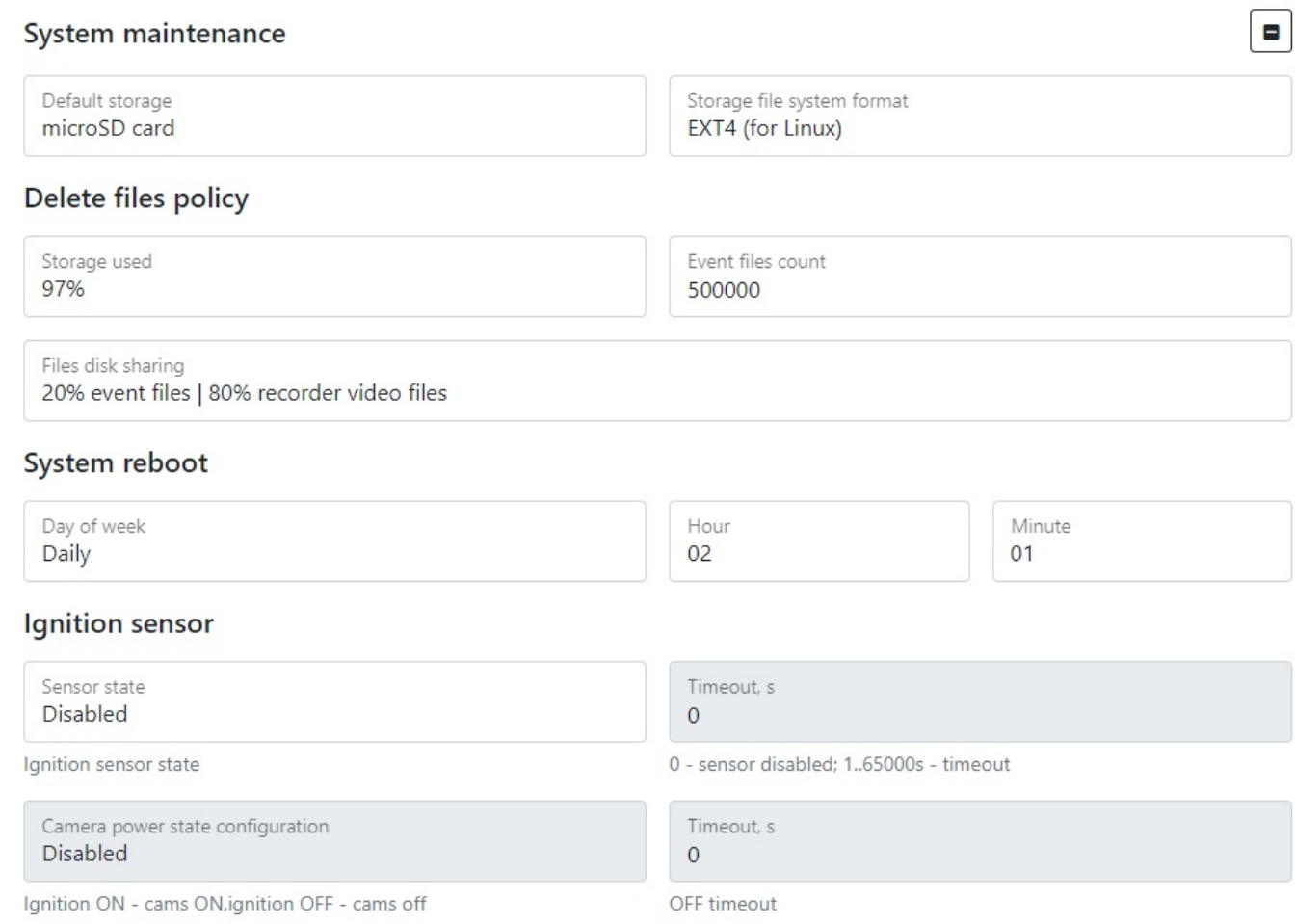

Table 2 – Parameter Description of System maintenance:

Parameter	**Parameter Description**
Storage file system format	Storage system format in the mNVR can be NTFS or EXT4
Delete files policy	The amount of files(in percents) awter which the deletion begins
Event files count	The number of files after which the deletion begins
Files disk sharing	disk quota for files - the ratio of event files to loop files
System reboot	The time when the device will reboot
Sensor state	On or off ignition sensor and after turning off the ignition and the set time expires the device is turning off
Timeout	Ignition sensor settings. When meaningful > 0 and no ignition after the specified time interval, the device will turn off. This sensor allows you to connect the device directly to the battery
Disable IP cameras	Switching off the cameras in the absence of ignition

Files name pattern

– pattern for setting the name of the created file

Figure 3 – section Files name pattern.

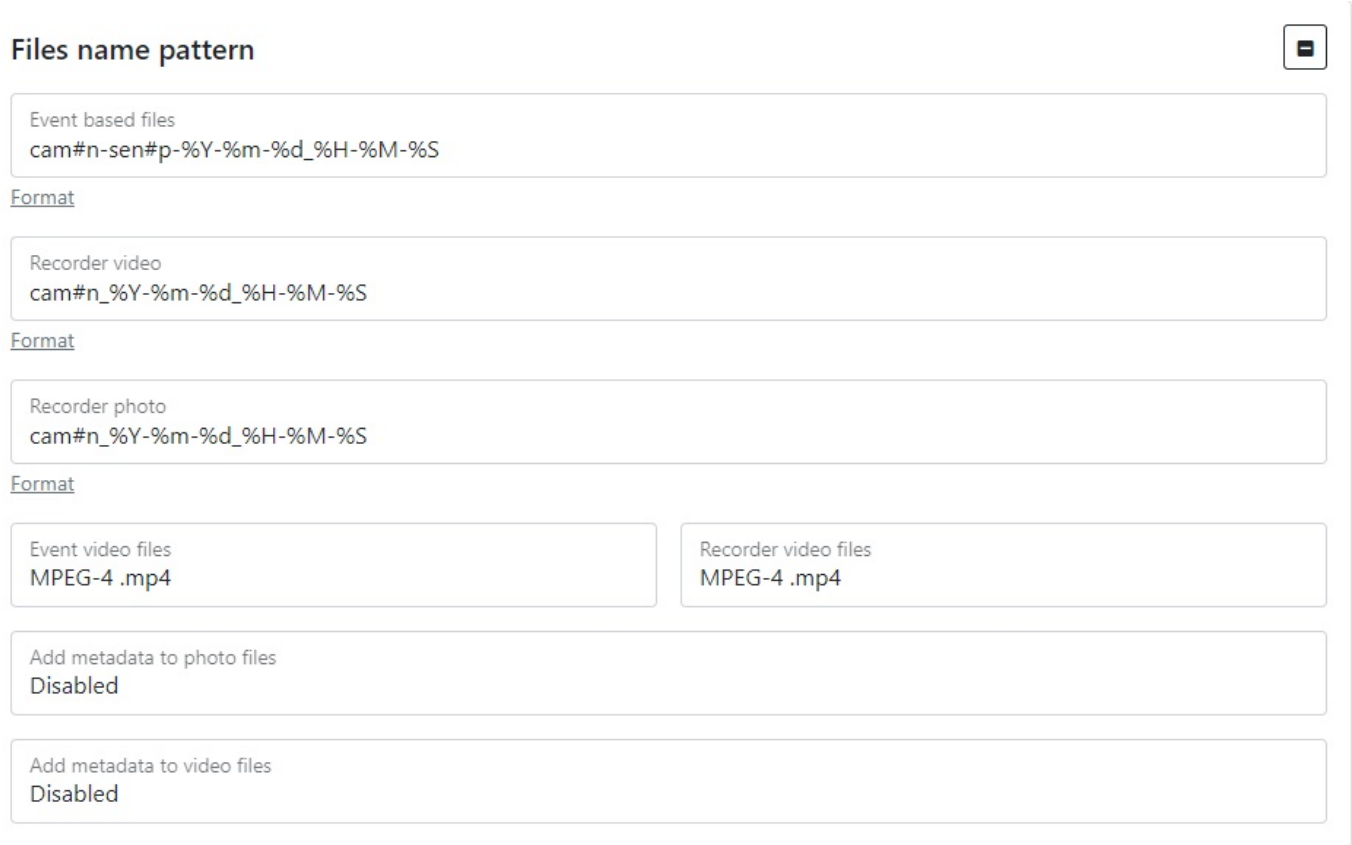

Table 3 – Description of the pattern for setting the name of the created file

Pattern	Pattern description
%%	sign %
%a	Local abbreviated name of the day of the week (for example, Sun)
%A	Local full name of the day of the week (for example Monday)
%b	Local abbreviated name of the month (for example, Jan)
%B	Local full name of the month (for example, January)
%c	Local data and time (for example, thur 18 Mar 2021 10:19:29)
%C	Century; similarly %Y, except for the last two characters (for example, 21)
%d	Day of a month (for example, 01)
%D	Date; similarly %m/%d/%y
%e	Day of a month, supplemented by spaces; similarly %_d
%F	Full date ; equivalent %Y-%m-%d
%g	The last two digits of the year, which corresponds to the week number according to ISO 8601 (look %G)
%G	The year corresponding to the week number in the year according to ISO 8601 (look. %V); usually only makes sense in conjunction with %V
%h	The same, that %b
%H	Hour (00..23
%I	Hour (01..12)
%j	The number of a day in year (001..366)
%k	Hour (0..23)
%l	Hour (1..12)
%m	Month (01..12)
%M	minute (00..59)

Pattern	Pattern description
%n	New line
%N	nanoseconds (000000000..999999999)
%p	Local equivalent AM or PM; empty if unknown
%P	similarly %p, but only in lower case
%r	Local 12-hour time (for example, 11:11:04 PM)
%R	24-hour format of hours and minutes; similarly %H:%M
%s	the number of seconds that elapsed from 1970-01-01 00:00:00 UTC
%S	second (00..60)
%t	Tabulation
%T	time; similarly %H:%M:%S
%u	Day of the week (1..7); 1 means Monday
%U	the number of the week in the year that begins on Sunday (00..53)
%V	week number in the year beginning Monday, according to ISO 8601 (01..53)
%w	Day of the week (0..6), 0 means Sunday
%W	week number in the year beginning Monday (00..53)
%x	Local date display (for example, 31.12.1999)
%X	Local time display (for example, 23:13:48)
%y	Last two digits of the year (00..99)
%Y	Year
%z	Time zone in format `+hhmm`(for example, -0400)
%:z	Time zone in format `+hh:mm`(for example, -04:00)
%::z	Time zone in format `+hh:mm:ss`(for example, -04:00:00)
%:::z	Часовий пояс з достатньою кількістю двокрапок (наприклад, -04, +05:30)
%Z	time zone with enough colons (for example, -04, +05:30)

The next parameters of mNVR are also used.

Table 4 – mNVR settings to customize the name of the file being created

Parameter	Parameter Description
#n	Camera number
#c	Type of content
#p	Number of the sensor
#i	IMEI of the device

Video files extension – file extension format. MP4 format requires full file download for playback, MKV format supports playback of not fully downloaded files. MKV is recommended for poor communication quality

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Servers configuration

Figure 4 – section servers configuration

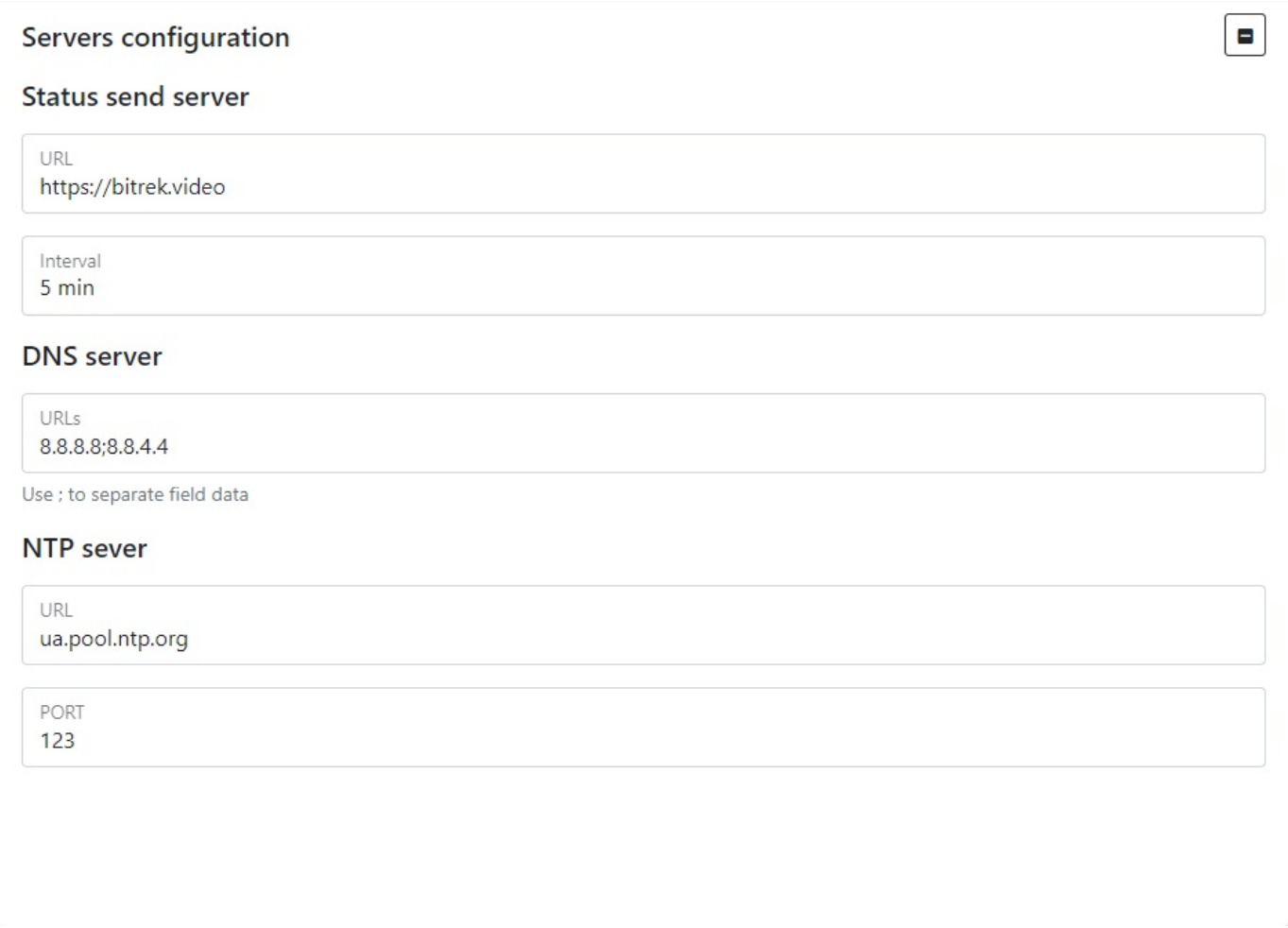

Table 5 – Parameter Description of servers configuration

Parameter	Parameter Description
URL	The URL of the server that processes and stores system information
Interval	The interval of sending system information to a given server
DNS server	IP address of the Internet server
NTP server	Address and port of the NTP time synchronization server
PORT	Port number

Cameras power management using VIN

Figure 5 – Cameras power management using VIN

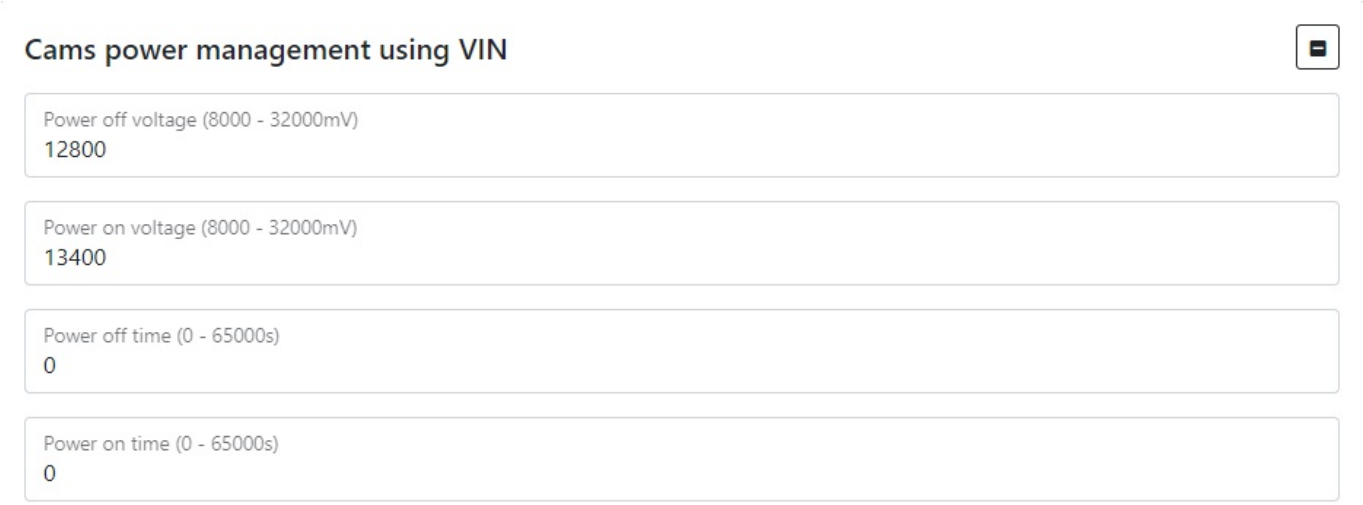

Table 6 - Cameras power management using VIN parameter description

Parameter	**Parameter Description**
Power off voltage (8000-32000 mB)	The value of voltage when device is turning off (from 8 to 32V)
Power on voltage (8000-32000 mB)	The value of voltage when device is turning on (from 8 to 32V)
Power off time (0-65000 c)	Time at the set voltage after which the device switches off
Power on time (0-65000 c)	Time at the set voltage after which the device switches on

To set the default settings, click the **Default** button. To save settings in NVR click **Save settings** button.

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