File Naming & Date/Time Formats

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The AXIS P1344 Network Camera supports the use of **modifier fields**. These can be used for modifying file names when uploading images, for formatting the date and time added to image overlays, and for adding information to notification messages. The modifiers available in each case are listed below.

Syntax

The format string can contain normal text and/or modifier fields, the latter which always start with a **%** or a **#** character, followed by another character. Anything else is considered normal text.

When for example, a new file is named, the format fields are replaced with values according to the options selected from the table below. All normal text is left as it is.

For example, the string **image-%H-%M-%S.jpg** will cause uploaded files to be timestamped with the hour, minute and second they were created, as follows:

> image-00-00-00.jpg
> image-00-00-01.jpg
> image-00-00-02.jpg
> ...
> ...
> etc

Note: This type of formatting should not contain blank spaces.

Available modifiers

The available modifiers can each be used in various situations. The abbreviations given in brackets for each modifier show which situations the modifier can be used in. These are:

- **D** - Own date formatting
- **T** - Own time formatting
- **I** - Image text overlay
- **IP** - Notification of change of IP address
- **EF** - Event file name
- **EN** - Event notification via TCP/HTTP
- **M** - Mail subject/message
- **UF** - Folder name for image upload

Modifier	Description (can be used for)
%a	The abbreviated weekday name. (D,I,IP,EF,EN,M,UF)
%A	The full weekday name. (D,I,IP,EF,EN,M,UF)
%b	The abbreviated month name. (D,I,IP,EF,EN,M)
%B	The full month name. (D,I,IP,EF,EN,M,UF)
%c	The date and time. (D,I,IP,EF,EN,M,UF)
%C	The century number (year/100) as a 2-digit integer. (D,I,IP,EF,EN,M,UF)
%d	The day of the month as a decimal number (range 01 to 31). (D,I,IP,EF,EN,M,UF)
%e	As for %d, but a leading zero is replaced by a blank space. (D,I,IP,EF,EN,M,UF)
%f	The 1/100 second fraction. (D,I,IP,EF,EN,M,UF)
%F	The date in the format as specified in the Date & Time settings. (I,IP,EF,EN,M,UF)
%G	The ISO 8601 year with century as a decimal number. The 4-digit year corresponding to the ISO week number (see %V).

Modifier	Description (can be used for)
	This has the same format and value as %y, except that if the ISO week number belongs to the previous or next year, then that year is used instead. (D,I,IP,EF,EN,M,UF)
%g	As for %G, but without the century, i.e., with a 2-digit year (00-99). (D,I,IP,EF,EN,M,UF)
%h	Equivalent to %b. (D,I,IP,EF,EN,M,UF)
%H	The hour as a decimal number, using the 24-hour clock (range 00 to 23). (T,I,IP,EF,EN,M,UF)
%I	The hour as a decimal number, using the 12-hour clock (range 01 to 12). (T,I,IP,EF,EN,M,UF)
%j	The day of the year as a decimal number (range 001 to 366). (T,I,IP,EF,EN,M,UF)
%k	The hour (24-hour clock) as a decimal number (range 0 to 23); single digits are preceded by a blank space. (See also %H.) (T,I,IP,EF,EN,M,UF)
%l	The hour (12-hour clock) as a decimal number (range 1 to 12); single digits are preceded by a blank. (See also %I.) (T,I,IP,EF,EN,M,UF)
%m	The month as a decimal number (range 01 to 12). (D,I,IP,EF,EN,M,UF)
%M	The minute as a decimal number (range 00 to 59). (T,I,IP,EF,EN,M,UF)
%p	AM or PM, according to the given time value, or the corresponding strings for the current locale. Noon is treated as PM and midnight as AM. (T,I,IP,EF,EN,M,UF)
%r	The time in a.m. or p.m. notation. (T,I,IP,EF,EN,M,UF)
%R	The time in 24-hour notation (%H:%M). For a version including seconds, see %T. (T,I,IP,EF,EN,M,UF) **Note:** Will not work on all FTP servers
%s	The number of seconds since the Epoch, i.e., since 1970-01-01 00:00:00 UTC. (T,I,IP,EF,EN,M,UF)
%S	The second as a decimal number (range 00 to 61). (T,I,IP,EF,EN,M,UF)
%T	The time as specified in the Date & Time settings. (I,IP,EN,M,UF) **Note:** Will not work on all FTP servers
%u	The day of the week as a decimal, range 1 to 7, Monday = 1. See also %w. (D,I,IP,EF,EN,M,UF)
%U	The week number of the current year as a decimal number, range 00 to 53, starting with the first Sunday as the first day of week 01. See also %V and %W. (D,I,IP,EF,EN,M,UF)
%V	The ISO 8601:1988 week number of the current year as a decimal number, in the range 01 to 53, where week 1 is the first week that has at least 4 days in the current year, and with Monday as the first day of the week. See also %U and %W. (D,I,IP,EF,EN,M,UF)
%w	The day of the week as a decimal, in the range 0 to 6. Sunday = 0. See also %u. (D,I,IP,EF,EN,M,UF)
%W	The week number of the current year as a decimal number, in the range 00 to 53, starting with the first Monday as the first day of week 01. (D,I,IP,EF,EN,M,UF)
%X	The time representation without the date. (D,I,IP,EN,M,UF)

Modifier	Description (can be used for)
%y	The year as a decimal number without the century (range 00 to 99). (D,I,IP,EF,EN,M,UF)
%Y	The year as a decimal number, including the century. (D,I,IP,EF,EN,M,UF)
%%	The literal % character. (All)
#b	The bit rate in Kbit/s (with no decimals).1,2 (I,IP,UF)
#B	The bit rate in Mbit/s (with two decimals).1,2 (I,IP,UF)
#i	The IP address. (I,IP,EF,EN,M,UF)
#m	The short MAC address (last 6 characters). (I,IP,EF,EN,M,UF)
#M	The long MAC address (all characters). (I,IP,EF,EN,M,UF)
#n	The host name. (I,IP,EF,EN,M,UF)
#r	The frame rate (with two decimals).1,2 (I,IP,UF)
#R	The frame rate (with no decimals).1,2 (I,IP,UF)
#s	The sequence number. (EF)
#TC<n>	The sensor temperature in Celsius. <n> is the sensor number. For example, to show the status of sensor number 1, enter #TC1 in the text overlay field. (I)
#TF<n>	The sensor temperature in Fahrenheit. <n> is the sensor number. For example, to show the status of sensor number 1, enter #TF1 in the text overlay field. (I)
#v	The video source number. (I,IP,EN,M,UF)
#w	The name of the motion detection window triggering an event. (EN,M,UF)
##	The literal # character. (All)

Note 1: These values may contain spaces and should only be used in the text overlay.

Note 2: For Motion JPEG, these values are only valid if no frame rate limit has been specified.

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