

mav HOME OF ANPR CAMERAS



MAV IQ Intelligent ANPR Camera Module

TEXT COMPOSER FACILITY

Introduction

The Text Composer Facility allows a string of text to be created by combining fixed text with values from the current decode.

This facility is used currently in 4 locations:-

- The overlay text for the on-screen data shown on the overlay image.
- In the FTP Bearer for the text filename, the overlay filename, the plate patch filename and the contents of the text file.

The text is composed as a simple text string containing characters that are moved straight to the resulting string and values which are retrieved from the current decode using field names.

An example composition would be "HIGH STREET-[cameraname] [date]-[time]".

In the above example, the text that is not enclosed by "[" and "]" is called *Fixed Text* and is moved straight to the result.

The fields that are enclosed by "[" and "]" contain field names which are looked up and the resulting value is added to the result string.

The resulting string for the above composition would be "HIGH STREET-" followed by the configured camera name; a space, then the date and time with a "-" between the values.

It is not possible to include the "[" or the "]" character in the result as they are reserved to identify field names.

The following table is a list of all the field codes that are available.

The table is generated from Version 0.6.30 of the code.

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Field Codes

Ref	The decode reference field
Vrm	The decode VRM field
frameID	The frameID field
spacedVRM	The spaced VRM field
seenCount	How many times the vrm was seen in the last 20 frames
serialNo	The camera's serial number
MAC	The camera's network MAC address
cameraName	The camera's configured name
decodeID	The decode ID field
charHeight	The character height of the VRM
location.latitude	The current latitude of the camera
location.longitude	The current longitude of the camera
location.name	The configured location name of the camera
location.source	The current source of the Lat/Long data
repeatedPlate	"true" means the VRM was a repeat read, otherwise "false"
timeStamp	UTC date/time formatted as hh:mm:ss DD-MM-YYYY
timeStamp.date	UTC date formatted as DD-MM-YYYY
timeStamp.date.jp	UTC date formatted as YYYY-MM-DD
timeStamp.year	UTC year formatted as YYYY
timeStamp.year.4	UTC year formatted as YYYY
timeStamp.year.2	UTC year formatted as YY
timeStamp.month	UTC month corresponding to the text "Jan", "Feb", "Mar", "Apr", "May", "Jun", "Jul", "Aug", "Sep", "Oct", "Nov", "Dec"
timeStamp.month.0	UTC month number where Jan = 0
timeStamp.month.1	UTC month number where Jan = 1
timeStamp.day	UTC day of the month

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timeStamp.time	UTC time in the format hh:mm:ss
timeStamp.time.jp	UTC time in the format hh-mm-ss
timeStamp.hour	UTC hours
timeStamp.minute	UTC minutes
timeStamp.second	UTC seconds
timeStamp.ms	UTC milliseconds