

Technical Developer Information

Camfunction – TCP/IP link for 3rd party applications interfacing to Camfunction

Supported Software:

Camfunction Range v6.4 (003) and above
Control Range v6.4 (003) and above
SecureSite Range v6.4 (003) and above

Revision History:

01/05/2003 – Rev1.1.001

U.K. OFFICE	CCTV SOFTWARE LTD 37 CHAMBRES RD SOUTHPORT MERSEYSIDE PR8 6JG U.K.
TEL	+44 (0)1704 548675
FAX	+44 (0)1704 548679
EMAIL	sales@cctvsoftware.co.uk
INTERNET	www.cctvsoftware.com



Technical Developer Information

Camfunction – TCP/IP link for 3rd party applications interfacing to Camfunction

LOGI password Signs in with password
Signs into Camfunction. 'password' must be for a valid user in the Camfunction 'User Manager'.

LOGO Signs out
Signs out of Camfunction. No subsequent commands will be acted upon until a valid sign in command is issued.

RALM nnnn Raise alarm
Sets an alarm condition in Camfunction where nnnn is the alarm number. Any actions associated with that alarm will be performed by Camfunction.

Incoming (returned) Data Protocol definition.

Any command sent to Camfunction will result in data being returned to the 3rd party application.

If the command sent was recognised Camfunction sends:

<STARTDAT>ACK<ENDDAT>

If the command sent was NOT recognised Camfunction sends:

<STARTDAT>NACK<ENDDAT>

Examples

Select monitor 2
<START>CMD=MSEL:DATA=2<END>
Select camera 4
<START>CMD=CSEL:DATA=4<END>
Set camera speed at 30% of maximum:
<START>CMD=CSPD:DATA=030<END>
Camera move left start:
<START>CMD=CAMF:DATA=0003<END>
Camera move right start:
<START>CMD=CAMF:DATA=5<END>
Camera stop:
<START>CMD=CAMF:DATA=04<END>
Camera focus near start:
<START>CMD=CAMF:DATA=13<END>
Camera focus near stop:
<START>CMD=CAMF:DATA=14<END>
Select preset 57:
<START>CMD=PRSL:DATA=57<END>
Store preset 3:
<START>CMD=PRST:DATA=003<END>
Select tour 2
<START>CMD=TOUR:DATA=3<END>
Trigger function key 325
<START>CMD=FKEY:DATA=0325<END>
Sign in user with password pl5TYx
<START>CMD=LOGI:DATA= pl5TYx<END>
Sign out of Camfunction (locks system)
<START>CMD=LOGO:DATA=<END>

Notes

The Sign In command will fail if a user is already signed into Camfunction. Subsequent commands sent will be acted upon if the currently signed in user has the rights to perform those actions.

For force a sign in, you can issue the 'sign out' command to force any current user to be signed out, followed by a 'sign in' command.