

## Using the Remote Control

The Product is provided with an IR Remote Control for full control of the camera and use of the OSD menu.



Figure 50: Remote Control

The various options (a. through n.) are described below.

### a. Power



1. Put two AAA 1.5v batteries in the IR Remote Control. Use **ONLY** this type of batteries! Using other type of batteries can damage the IR Remote Control.
2. Press the **Power** button to turn on the camera. If the position preset '0' has been stored, this will be called after initialization.
3. Press the **Power** button again to turn the camera off. It will turn to the back when turned off, this is called the "privacy mode".

### b. Set

This button has **no** function with this camera.

### c. Camera Select

Up to 4 different cameras can be controlled with one IR remote Control. You can use the **camera select** buttons [1,2,3,4] to select the IR channel that the remote control is using. The default camera IR channel is 1.



1. To control a camera on first use, select camera 1 (IR channel 1) on the remote control.
2. To control a second camera, you first need to change the IR channel stored in the camera from 1 to 2. Then do the following:
  - a. First turn off the other cameras in the room you don't want to change, to prevent that other cameras also get changed accidentally.
  - b. Select camera 1 on the remote control, because the camera is still configured to listen to IR channel 1.
  - c. Press [\*]→[#]→[F2] to change the IR channel inside the camera to IR channel 2. The camera will confirm this on the screen.
  - d. Select camera 2 on the remote control to control this camera.

Key Combinations: (Default IR address is 1)

[*]→[#]→[F1]	Camera Address No. 1
[*]→[#]→[F2]	Camera Address No. 2
[*]→[#]→[F3]	Camera Address No. 3
[*]→[#]→[F4]	Camera Address No. 4



The Function buttons F1, F2, F3 and F4 are the colored buttons on the remote.



Figure 51: Function Buttons on Remote

### d. Number Keys

The number keys are used to call presets.



Press the number [0-9] of the desired preset and the camera will respond accordingly (See 'h' on how to set & clear presets).

### e. Focus + -



1. Push the button [manual focus] first before using the focus buttons.
2. Focus the camera with the [+] and [-] button.

If the camera does not respond, check if the camera is set to auto-focus.

### f. Auto/Manual Focus



Set the camera to 'auto focus' or 'manual focus'.

If the camera is configured to 'auto focus', the buttons [Focus + -] are disabled.

If the camera is in 'manual focus' and the **Zoom** buttons are used, the camera automatically switches to 'auto focus'.

### g. Zoom + -



Zoom the camera with these buttons.

## h. Set & Clear Preset

A preset is a specific position of a camera that you save in the camera. A preset is assigned to a number from 0-9.



1. To set a preset, first point the camera in a specific directing and a specific zoom position.
2. Assign the position to a number with the button **Set Preset**.
3. You can call the preset by pressing one of the numbers 0-9 on the remote control.

Set Preset: [SET PRESET]→[<number>]

Call Preset: [<number>]

Clear Preset: [CLEAR PRESET]→[<number>]

If the position preset '0' has been stored, this position will be called after initialization.



**Use ONLY presets between 0-9 when using the Remote Control. For presets 10 or higher you need a serial or IP connection!**

## i. PTZ Keys (up/down/left/right)



Use these keys to move the camera in the desired direction.

## j. Home



If you use this key, the camera will automatically turn to its start up position: the camera will zoom out and turns to a position with the lens straight forward. This affects only the Pan, Tilt and Zoom position and NOT the focus level of the camera, or exposure and white balance settings!

## k. BLC ON/OFF



Use this key to enable / disable the Back Light Compensation feature.

## l. Menu



1. Use the **Menu** button to open the **On Screen Display (OSD)** menu. This menu is visible on the HDMI/SDI output.
2. If the menu is not in English, press [\*]→[#]→[4] to change the Menu language into English.

## m. Function Keys (F1/F2/F3/F4)

Used to configure the IR channel of the camera. See '**c. Camera Select**' above for instructions.

## n. Blank Buttons

These buttons have NO function with this camera.

## Other Key Combinations

The following key combinations on the Remote Controller have specific functions. These are:

Combination	Function
[*] → [#] → [4]	Menu set to English
[*] → [#] → [6]	Restore factory defaults
[*] → [#] → [9]	Flip switch (just temporary flip to view the image flipped)
[*] → [#] → [Auto]	Enter into the aging mode, only for quality control purposes
[*] → [#] → [Manual]	Restore the default username, password, and IP address
[#] → [#] → [#]	Clear all presets
[#] → [#] → [0]	Switch the video format to 1080p60*
[#] → [#] → [1]	Switch the video format to 1080p50*
[#] → [#] → [2]	Switch the video format to 1080i60*
[#] → [#] → [3]	Switch the video format to 1080i50*
[#] → [#] → [4]	Switch the video format to 720p60*
[#] → [#] → [5]	Switch the video format to 720p50*
[#] → [#] → [6]	Switch the video format to 1080p30*
[#] → [#] → [7]	Switch the video format to 1080p25*
[#] → [#] → [8]	Switch the video format to 720p30*
[#] → [#] → [9]	Switch the video format to 720p25*



The camera returns to the video output setting of the system select after a reboot.



**Use ONLY presets between 0-9 when using the Remote Control. For presets 10 or higher you need a serial or IP connection!**

## Tally Light Functionality

When you have purchased the [optional license \(LC70-1\)](#) then the tally light of the camera is controllable. Without this the LED on the front of the camera cannot be controlled. Note that the tally light of the camera can **ONLY** be controlled through the VISCA commands. This is not possible through the WebGUI or the OSD menu of the camera. See for the commands [How to control a tally light on the CM70 series camera?](#) or the [VISCA commands](#) in appendix A in this manual.

