



**Aigis Mechtronics, Inc.**

Now Part of Linear LLC  
 www.linearcorp.com  
 Phone (800) 421-1587

## Addendum to Installation and Operating Instructions

Manufacturer’s Part Number: HC1CH30-6x  
 Amended Installation Manual Part Number: 100 0266 002 AIG

Amend the following sections of the installation manual shipped with the above referenced product to read:

### Section 7 – INSTALLATION

#### 7.5 Adjust the camera settings using the On-Screen Display (OSD)

The camera used in this model includes a keypad for accessing the On-Screen Display (OSD) to adjust the camera settings. The keypad is located on the power/video cable harness connected to the camera. Press the button down to access the menu. Push the button up/down/left/right to navigate the menu.

Section	Menu Item	Sub-Menu Item	Default	Choices	Description
Exposure	Lens ELC	Elec. Shutter	Auto	Auto, 1/60, ... 1/100,000	

Section	Menu Item	Sub-Menu Item	Default	Selection	Description
Exposure	Lens DC	E. Shutter	Auto	n/a	Do not use this feature; on the “Lens” menu item, push the button to the right so it reads “ELC
		Bright	050	n/a	
		DC Ref	010	n/a	
	Lens ELC	E. Shutter	Auto	Auto 1/60 .... 1/100,000	The Electronic Shutter feature controls how long the shutter remains open. Longer shutter times (1/60) result in brighter images, but the recorded footage can
		Bright	050	0 ~ 100	The Brightness setting adjusts the overall brightness of the image.
	HBLC/D-WDR	-	Off	Off BLC HLI D-WDR	This feature allows the user to choose between the following image processing features: <ul style="list-style-type: none"> <li>- Backlight Compensation (BLC)</li> <li>- Highlight (HLI)</li> <li>- Digital Wide Dynamic Range (D-WDR).</li> </ul>
	AGC	-	High	High Mid Low Off	Automatic Gain Control (AGC) adjusts the degree to which the brightness of the image is amplified.
3D DNR	-	Off	Off Low Mid High Auto	3D Digital Noise Reduction (3D DNR) is an image processing feature that reduces noise in the image. This feature aids in reducing storage requirements.	

Section	Menu Item	Sub-Menu Item	Default	Selection	Description
Exposure (cont'd)	Sense-Up	-	Off	Off X2 ... X512	Sense Up is an image processing feature that amplifies images in low-light environments. The higher the setting, the greater the amplification.
WB (White Balance)	WB Mode	-	ATW	ATW Manual AWC (Push) AWC	Auto-Tracking White balance (ATW) causes the camera to automatically adjust when the scene changes (i.e. morning vs. afternoon sunlight). If the scene has static lighting (i.e. hallway), the color settings can be adjusted using the Manual White Balance or the R-Y/B-Y gain options.
	R-Y Gain	-	100	0~100	
	B-Y Gain	-	100	0-100	
Day & Night	D&N Mode	(Auto, Ex-CDS, see Description)	Auto	Auto Color B&W EX-CDS	In Auto mode, the camera will automatically switch between Color and Black & White mode depending on the light levels. Entering the Auto sub-menu lets the user adjust the threshold at which the image switches from Color to B&W (and vice versa). This camera is not equipped with the Ex-CDS feature; choose Auto instead.
	C_SUP, A_SUP	-	35 / 32	0~100	The Sense Up feature provides an improved image in low light environments. C_SUP (Cancel Sense Up) and A_SUP (Activate Sense Up) determine at which light threshold the feature is activated/canceled.
Function	Mirror	-	Off	Off	Flips the image horizontally
	Sharpness	-	020	0 ~ 30	Controls how crisp the image appears in high contrast areas.
	Monitor	-	Mode1	Mode1, Mode2	Switch between the Monitor Modes to choose the best option for your particular monitor.
	Gamma	(User)	0.45	0.45 0.60 1.00 User	Set the Gamma level which is the baseline for image brightness. The User setting allows fine tuning of the Gamma setting.
	LSC	(Set Level)	Off	Off On	Lens Shading Compensation adjusts for light reflecting off the lens around the perimeter of the image. Selecting On and pressing the button allows the user to adjust the degree of compensation.
Motion	Motion	-	Off	Off On	The camera allows up to three motion detection zones, or "Areas". Motion detected in an activated Area will cause the Area to turn red to highlight the motion event (Trace) or display an icon (Icon). The red area (or Icon) is overlaid on the image so the red area will show up on the recorded image. The length of time (Hold Time) determines how long the area stays red (or shows icon) after the event.
	Area Select	-	Area1	Area1 Area2 Area3 Area4	
	Sensitivity	-	25	0 ~ 30	
	Display	-	Trace	Off Icon Trace	

Section	Menu Item	Sub-Menu Item	Default	Selection	Description
Motion Cont'd	Hold Time	-	003	0 ~ 100	
	Alarm	-	On	n/a	This unit is not equipped with the Alarm output feature. Setting this to on/off has no effect.
Privacy Masking	Mask1 ... Mask8	Dot SEL	-	L_Top L_Bot R_Bot R_Top	Up to 8 separate privacy masks can be utilized. Each mask is turned on and configured in the PVM (Privacy Masking) menu. Set the mask to "On" and press the button to configure it. A black box will appear on the image. Each corner of the box (Dot SEL) can be individually controlled to increase/change the size and shape of the box (Dot XY). Once the size and shape are configured, the mask can be moved (Move XY) while retaining the shape. The color of the mask can then be set (Color Set).
		Dot XY	-	-	
		Move XY	-	-	
		Color Set	Black	Black White Red Green Blue Magenta Cyan	
Setup (SET)	Title	(On)	Off	Off On	A title for the camera (i.e. Loading Dock) can be created that will be overlaid on the video. Turn the Title to "On" and press the button to enter the title.
	Manual DPC	(Manual)	Off	Off Manual	DPC (Dead Pixel Compensation) allows the DSP to compensate for dead pixels by using information from the surrounding pixels. The DSP is able to reduce or eliminate pixels that have ceased functioning.
	Auto DPC	(Auto)	Off	Off Auto	
	OLPF	-	650	650 850	The Optical Low Pass Filter (OLPF) feature helps reduce the Moire effect of analog cameras.
	OSD Color	-	Blue	Black, White Red, Green Blue, Cyan Magenta	Adjust the color of the highlighted setting in the OSD menu.
System	Camera ID	-	1	0 ~ 255	Se the Camera ID if using RS485 communication for OSD control (not enabled for this unit).
	Communication	(ON)	Off	Off On	Configure the communications protocol and baud rate for this camera (not enabled for this unit)
	Language	-	English	English ... (Multiple)	Select the desired language, then highlight Save & Exit and press the button to save the language settings.
Exit	Factory Set	-	Off	Off On	To reset the camera to factory defaults, highlight "On" and press the button.
	Save and Exit	-	-	-	Highlight Save and Exit, then press the button to save changes.
	Exit	-	-	-	Highlight Exit then press the button to exit without saving.