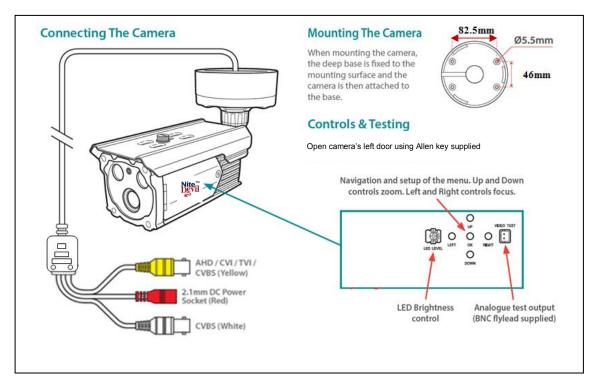


SEE845 External HD-TVI Camera

This HD-TVI camera has a 2.1 Mega Pixel 2.8~12mm varifocal lens, 2x High Power IRs with 40 meter range, 2 motors driving the zoom & focus and cut filter for True Day/Night, Privacy masking & Motion. This model comes in glossy black or glossy white.

The SEE845 cameras produce exceptional quality images using the Sony 1/3" CMOS CCD providing HD 1080P resolution. The cameras have Coaxitron Control for changing the OSD menu specifications via the DVR or remote network connection, or via the camera.





Powering the Camera

The SEE845 runs on a 12V DC regulated power supply. The camera is provided with a fly lead with a mini power 2.1mm DC socket. It is recommended to use a power supply that is rated higher than the current consumption of the camera i.e. the current consumption is 655mA with IRs set to maximum so use a power supply of 700mA or above. The camera is polarity sensitive so connections must be correctly made.



Connecting the camera to control equipment

The dome camera comes with a fly lead for power and HD-TVI video out. Connect the camera to control equipment via a female BNC-BNC lead. When using a co-ax type cable such as RG59 or similar, the outer braid of the co-ax provides the "0V GROUND" connection and the inner core provides the "Video" connection. A separate analogue test output is available for setup. A cable is supplied with the camera.

Note that the camera has an automatic zoom and focus. If you want to manually set zoom and focus you will need to enter the camera menu by either using the menu buttons on the side of the camera or pressing Iris +using the PTZ option in the DVR and switch 2-MOTOR to manual. Otherwise the camera will auto focus when powered up. See further details on menu access.

Menu Access via DVR

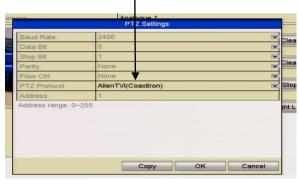
Access to the camera menu is via the menu buttons on the camera or via the Up the Co-ax connection. Access by the menu buttons is described below. To use the Up the Coax connection, this can be accessed using the PTZ menu in the MEGA TVI or MAX TVI DVRs using the AlienTVI(Coaxitron) protocol. This protocol is generally set in the PTZ Settings menu as default but if not, select using the following:

Enter the DVR Menu, click on Video, PTZ and select the channel number of the TVI camera connected to the DVR. Then click on PTZ Settings and select AlienTVI(Coaxitron) and click OK.



Now click on the **PTZ** button at the bottom of the screen and a full screen picture will be displayed with the PTZ control menu. Click on the **IRIS**+ button to display menu

Use the directional arrows to move up and down or right to select options.







OSD Menu

The SEE845 has an on screen display menu. This can be accessed using the small joystick under the

flap on the side of the camera.

Press the centre button straight down (see arrow) to enter the menu and use Left, Right, Up and Down to move through and amend menu settings.

Alternatively use the TVI DVR PTZ menu as detailed in "Menu Access via DVR" above.

O RIGHT

The following menu display is shown:

	ELC	Electronic Light Control – overall brightness of picture
IRIS	ALC	Auto light compensation – measures peak light levels
2-MOTOR	AF MODE SCANNING ONEPUSHAF SYNC TDN INITIAL RETURN	Auto/Manual Half/Full On On/Off On
EXPOSURE 🎝	BRIGHTNESS SHUTTER SENS-UP AGC RETURN	1 ~ 20 Auto-Normal /Deblur Manual- 1/25,1/50,1/100,1/200,1/400,1/800,1/1600,1/3200, 1/6400,1/12800,1/25600. Flicker Off /x2/x4/x8/x16/x32 1 ~ 10
BACKLIGHT	OFF HLC J BLC J WDR	Level 1 ~ 20 / Color — BLK/Customise/WHT/YEL/CYN/GRN/MAG/RED/BLU H-Pos — V-Pos — H-Size — V-Size - Return Mode Normal / ROI Weight — Low / Middle / High — Return ROI Window Zone 0 ~ 3 Window Use On / Off H-Pos 920 V-Pos 630 H-Size 512 V-Size 432 Return



		1
DAY&NIGHT	EXTERNAL	IR LED Off / On Anti-Sat. 1 ~ 20 (Not used when IRs off) Extern S/W Low / High D->N Level 1 ~ 20 Default 13 N->D Level 1 ~ 20 Default 7 Delay - Low / Middle / High - Return
	AUTO	IR LED Off / On Anti-Sat. 1 ~ 20 (Not used when IRs off) AGC Threshold 1 ~ 20 AGC Margin 1 ~ 20 Delay – Low / Middle / High - Return
	COLOUR	
	B&W ₄	IR LED Off / On Anti-Sat. 1 ~ 20 (Not used when IRs off)
color 🤳	AWB	Auto Color Gain 1 ~ 20 Return
		AUTOext Color Gain 1 ~ 20 Return PRESET (Push) Color Gain 1 ~ 20
		Return MANUAL C-Temp 5000K / 8000K / 3000K R-Gain 1 ~ 20 B-Gain 1 ~ 20 Return
DIGITAL NOISE REDUCTION	DNR	Off / Low / Middle / High
IMAGE	SHARPNESS GAMMA MIRROR FLIP ACE	CVBS / CVI / TVI / AHD - 1 ~ 10 TVI Default 4 0.55 / 0.65 / 0.75 / 0.45 Off / On Off / On Off / Low / Middle / High (Adaptive Colour & Contrast Enhancement)
	DEFOG PRIVACY	Off / On Mode – Auto / Manual Level - Low / Middle / High Off / On Zone Num (0 ~ 15) / Zone Disp Off /On H-Pos / V-Pos / H-Size / V-Size /
	RETURN	Y-Level (1 ~ 20) / CR Level (1 ~ 20) CB Level (1 ~ 20) / Trans /Return



MOTION	OFF / ON •	Window Zone 0 ~ 3 Window Use On/Off Det H-Pos <nn> <nn> value = position Det V-Pos <nn> <nn> value = position Det H-Size <nn> <nn> value = size Det V-Size <nn> <nn> value = size Return Det Tone 0 ~ 4 MDRect Fill On/Off Sensitivity 0 ~ 10 Motion OSD On/Off Text Alarm On/Off Signal Out Off/On Return</nn></nn></nn></nn></nn></nn></nn></nn>
SYSTEM	FRAME RATE FREQUENCY COM.	Main Output Analog Out 0 /1 Analog Out 0 TVI / Analog Out 1 CVBS Y Gain 0 ~ 32 Def 16 / Y Gain not used CB Gain 0 ~ 32 Def 12 / CB Gain not used CR Gain 0 ~ 32 Def 12 / CR Gain not used Position 0 ~ 256 Def 128 / Position not used Burst Freq 0 ~ 256 Def 128 / Burst Freq not used Burst Gain 0 ~ 128 Def 69 / Burst Gain not used UCC Select0 8 Byte (Do not change this) 720 EX Off/ On Exit 1080 25P 50Hz / 60Hz COM Cam ID 0 ~ 255 Default 0 Baudrate 2400 / 4800 / 9600 / 57600 / 115200 Set Done On (push) Return
	IMAGE RANGE FULL / COMP / USER COLOR SPACE AUDIO MIC COLOR BAR LANGUAGE CAM TITLE RESET ON(Push) Return	IMAGE RANGE Offset 0 ~ 32 (Default 16) Return HD-CbCr / YUV / SD-CbCr (Not Used) Off / On ENG / CHN / CHN(S) / JPN / KOR Off / Right Up
EXIT	Press IRIS + Save & Exit	



Menu Description

The following menu description gives more in depth information about the menu options. In some instances recommendations are made to hopefully enhance the results. However every installation will be different and there will occasions when alternative solutions may be more suitable.

	ELC	Electronic Light Control – measures overall brightness
LENS	ALC	Auto light compensation – measures peak light levels

ELC Electronic Light Control – measures overall brightness of picture and applies to manual iris lens **ALC** Auto light compensation – measures peak light levels and applies to auto iris lens which this camera has. **Recommend setting Lens to ELC mode.**

	AF MODE	Auto/Manual
_	SCANNING	Half/Full
2-MOTOR 📣	ONEPUSHAF	On(Push) Press IRIS+ or joystick centre button down
	SYNC TDN	On/Off
	INITIAL	On(Push) Press IRIS+ or joystick centre button down
	RETURN	

Two motors are fitted in this camera one driving the zoom & focus and the other operating the cut filter for True Day/Night operation. If you want to manually set zoom and focus you will need to enter the camera menu by either using the menu buttons on the side of the camera or pressing Iris+using the PTZ option in the DVR and switch 2-MOTOR to manual. Then move to Return, Exit menu and now when you access the menu you can use the Zoom and Focus options in the PTZ control menu or using the Up and Down and Left and Right buttons on the camera, to zoom and focus.

AF Mode Auto / Manual

By default the camera is set to Auto. This allows the camera to auto focus. If you want to set the zoom/focus manually, select manual mode and exit menu as explained above.

SCANNING Half / Full

The scanning option can be set to Half for quick action auto scan or Full for full scan. You will see the camera movement on full scan takes twice the time of a half scan. However half scan may miss certain focus points, so if the picture is out of focus using AF Mode in auto, first try changing this option to Full Scan.

ONEPUSHAF On(Push)

Hold down IRIS + button or joystick centre button to initiate an auto focus scan. This can be used to test the auto focus option.

SYNC TDN On / Off

True day night provides the best method for night time viewing. The cameras are fitted with a cut filter that syncs with the internal IR to provide the most effective way for picture quality, day and night. If a pulsing effect is caused then switch this option off.

INITIAL On(Push)

Hold down IRIS + button or joystick centre button to return to manufacturer's settings

RETURN

Return to Main Menu

Email: support@kovert.com Last Revised 14/09/2018



EXPOSURE ↓	BRIGHTNESS SHUTTER	1 ~ 20 Auto-Normal /Deblur Manual- 1/25,1/50,1/100,1/200,1/400,1/800,1/1600,1/3200, 1/6400,1/12800,1/25600. Flicker
	SENS-UP AGC RETURN	Off /x2/x4/x8/x16/x32 1 ~ 10

BRIGHTNESS $1 \sim 20$ (Default = 10)

Use this setting to increase brightness by opening camera iris. Useful for improving night time viewing by using in conjunction with the Sens-Up option. However be aware to consider possible effects when there is strong sunlight in summer that if setting brightness too high it may cause the picture to white out.

Recommendation is to set brightness to 15.

SHUTTER Auto / Manual

1/25, 1/50, 1/100, 1/200, 1/400, 1/800, 1/1600, 1/3200, 1/6400, 1/12800, 1/25600, Flicker

Shutter speed changes allow you to freeze moving objects without ghosting but reduce the amount of available light the faster the shutter operates. At night the slower the shutter speed the more light is available. The Flicker option sets the shutter speed at 1/250 that synchronises with fluorescent tubes so that the pulsing effect is minimised.

Recommendation is to leave this in Auto.

SENSUP Off /x2/x4/x8/x16/x32

The SensUp option allows the shutter speed to be reduced allowing additional light to be captured. Increasing brightness helps night time viewing (see BRIGHTNESS setting above). If set too high and Sensup is slowing shutter speed down to a lower speed than any movement speed, ghosting can occur.

Recommend Sensup is switched to x2 for some external light at night or x8 for low light

AGC $1 \sim 10$ (Default = 10)

For better performance in low light conditions the AGC (Automatic Gain Control) can be increased. This has the effect of making the picture brighter but it may also add more noise as it amplifies all aspects of the video signal.

Recommend AGC is decreased below 10 if Sensup is increased over x2 and noise i.e white dots are produced.

RETURN

Return to main menu.



V-Pos 630 H-Size 512 V-Size 432 Return	BACKLIGHT	OFF HLC BLC WDR	H-Size 512 V-Size 432
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Backlight Compensation when set, can balance light levels during day and night so that light hitting objects viewed, is evenly spread across the picture. There are three options HLC, BLC and WDR that can be selected.

HLC

(High Level Backlight Compensation)

Level $1 \sim 20$ / Color

HLC is high level backlight compensation that will darken a bright area e.g car headlights. The lower the level the more compensation is applied.

BLC **J**

(Backlight Compensation)

$$H\text{-}Pos-V\text{-}Pos-H\text{-}Size-V\text{-}Size$$

BLC is the standard setting for low level light differences. Select an area where BLC is required. Using the H-Pos (Horizontal Position) and V-Pos (Vertical Position) followed by H-Size (Horizontal Size) and V-Size (Vertical Size) create a box where light balancing is required.

WDR → **Mode** Normal / **ROI** (Region of Interest) (Wide Dynamic Range)

Weight – Low / Middle / High

WDR is used for surveillance applications where there is a large difference in foreground and background light levels. This is typical in homes and office buildings that have large areas of glass with direct sunlight outside. Without the option switched on, views by cameras looking through windows may not give good reproduction outside. Also where there are areas of shadow and bright sunlight, the WDR option helps to balance light levels. The ROI option provides up to four areas that can be mapped to provide WDR balancing in defined areas which may be better utilised. The Weight option adjusts the depth of balancing required.

Recommend using WDR where balancing light levels in warehouses or large buildings is difficult and may help to overcome bright light coming in through windows and glass that whites out camera pictures.

Return

Return to main menu



DAY&NIGHT	EXTERNAL 🎝	IR LED Off / On Anti-Sat. 1 ~ 20 (Not used when IRs off) Extern S/W Low / High D->N Level 1 ~ 20 Default 13 N->D Level 1 ~ 20 Default 7 Delay – Low / Middle / High - Return
	AUTO 🎜	IR LED Off / On Anti-Sat. 1 ~ 20 (Not used when IRs off) AGC Threshold 1 ~ 20 AGC Margin 1 ~ 20 Delay – Low / Middle / High - Return
	COLOUR	
	B&W ↓	IR LED Off / On Anti-Sat. 1 ~ 20 (Not used when IRs off) Return

Day & Night menu controls light settings and predominantly provides options for using the cameras' Infra-Red facilities. There are four sub-options namely External, Auto, Colour and Black & White.

EXTERNAL

This option does not use the internal CDS sensor to measure the available light. With cameras using their own IR light source, this option can give the best results. Note that this option has a manual adjustment for setting IR switch on according to lux level from day to night and from night to day, plus an option for applying a delay factor. This stops switching until a pre-determined lux level remains constant. There is also the option to switch off the IRs.

Recommend to try Auto if External does not give required results.

AUTO **J**

The standard Auto function uses the internal CDS to measure available light. This uses AGC (Automatic Gain Control) and Anti Saturation to measure picture quality before switching which is used in conjunction with a pre-determined time interval when lux levels remain constant. There is also the option to switch off the camera IRs.

COLOUR

This option will remain in colour mode day and night. There are no sub menu settings. This will only be applicable when light levels at night allow the camera to continue working at 4 lux or higher.

B&W ✓

When this option is selected the camera will remain in black and white mode, day and night. The only sub menus available are Anti Saturation and the option to switch off the camera IRs.

Return

Return to main menu.



color 🎝	AWB Auto	Color Gain 1 ~ 20
	AUTOext / Preset (Push)	(Default 10) Return Color Gain 1 ~ 20 Default 10
	MANUAL Color Gain 1 ~ 20 Default 10	Return C-Temp 5000K / 8000K / 3000K R-Gain 1 ~ 20 (Default 10) B-Gain 1 ~ 20 (Default 10)
	Return	Return

This feature automatically adjusts the colour settings in the camera to match the type of light available, so that white and other colours appear as natural as possible.

AUTO

This option automatically sets white balance.

AUTOext

This option is generally used to set white balance when camera is used externally i.e ATW.

PRESET(Push) Press IRIS+ or joystick centre button down

This option allows you to set white balance using current light levels. Settings will only change when you press IRIS+ or joystick centre button down.

Use this option to manually balance light levels. Note that the manual option is used for a static light environment and generally suitable for cameras installed indoors using constant artificial light.

C-Temp 5000K / 8000K / 3000K R-Gain 1 ~ 20 (Default 10) Sets Red Gain B-Gain 1 ~ 20 (Default 10) Sets Blue Gain Return

RETURN

Return to main menu

DIGITAL NOISE	DNR	Off / Low / Middle / High
REDUCTION		

DNR Off / Low / Middle / High

Digital Noise Reduction is generally applied when the Sens-Up feature is used to improve night time views in low light conditions. Using the Sens-Up option slows the shutter speed but this increases noise and causes grainy picture effects. DNR helps to minimise this effect. The options low, medium and high, apply different levels of noise reduction and therefore have to be tested to gain the best result as light levels will be different at every site and location.

Recommend to leave off even when Sense-Up is on and if grainy picture is created then test starting at low, but leave camera on the best setting.



IMACE	GHADDNEGG 4	CVDC / CVII / TVII / ALID 1 10 TVII D C. 1/ A
IMAGE	SHARPNESS 🖊	CVBS / CVI / TVI / AHD - 1 ~ 10 TVI Default 4
	GAMMA	0.55 / 0.65 /0.75 / 0.45
	MIRROR	Off / On
	FLIP	Off / On
	ACE	Off / Low / Middle / High (Adaptive Colour &
		Contrast Enhancement)
	DEFOG	Off / On 🎜 Mode – Auto / Manual
		_ Level - Low / Middle / High
	PRIVACY	Off / On Zone Num (0 ~ 15) / Zone Disp Off /On
		H-Pos / V-Pos / H-Size / V-Size /
		Y-Level (1 ~ 20) / CR Level (1 ~ 20)
		CB Level $(1 \sim 20)$ / Trans $(0 \sim 3)$
	RETURN 🗸	Return

The Image menu covers a variety of options including sharpness, mirror, defog, shading and privacy masking facilities.

Sharpness 1~10

Depending on the camera format selected, the format/s will be in dark type for adjustment. The sharpness control is done by digital correction and the best way to set this option is to set level to maximum of 10, then flick back to 1, to see the difference. Then adjust to display sharpest picture without displaying heavy black lines around subjects.

Gamma 0.55 / 0.65 / 0.75 / 0.45 (Default 0.55)

Gamma correction controls and adjusts the overall brightness of an image.

Recommend trying each option and select best quality picture

Mirror Off / On

This option changes a left handed view to a right handed view if switched on.

Flin Off / On

This option turns a view upside down. This option is generally used with the Mirror function.

ACE Off / Low / Middle / High

Adaptive Colour & Contrast Enhancement (ACE) is an automated option for adjusting colour and contrast as light levels changes through the day. Low, middle or high options are available.

Recommend setting option to Low

DEFOG Off / On

The defog option can be used to improve the captured image in poor weather conditions such as smog, fog or smoke. Three levels of optimisation can be applied, low, middle or high. This option is also useful to stabilise rapid fluctuating light levels i.e picture contrast constantly changing from light to dark.

Recommend setting this option to On



PRIVACY Off / On J

Zone Num $(0 \sim 15)$ This function allows the creation of up to 16 coloured

areas to be created to provide privacy masking.

Zone Disp Off /On The Zone Display allows you to switch on and off the

zone number.

H-Pos / V-Pos / H-Size / V-Size

Each area can be positioned using the H-Pos (horizontal position), VPos (vertical position) and sized using the H-Size (horizontal size) and V-Size (vertical size) options. The Zone Display allows you to switch on and off the zone number.

Y-Level (1 ~ 20) CR Level (1 ~ 20) CB Level (1 ~ 20)

The Y-Level is the colour hue for privacy masking and the CR Level (Chrominance Red) and CB Level (Chrominance Blue) are used to create the required colour.

The pictures below show an area that has been masked, before and after.





TRANS (Transparency) $0 \sim 3$

The Transparency option allows the transparency of the Privacy Masking area created to be displayed in the full colour selected using the value 0 but gradually made more transparent i.e weaker by increasing to value 1, 2 or 3 at the highest level.

RETURN

Return to main menu



MOTION Det Window Zone 0 ~ 3 Window Use On/Off Det H-Pos <nn> <nn> value = position or size Det V-Pos <nn> <nn> value = position or size Det V-Size <nn> <nn> value = position or size Det V-Size <nn> <nn> value = position or size Return Det Tone 0 ~ 4 MDRect Fill On/Off Sensitivity 0 ~ 10 Motion OSD On/Off Text Alarm On/Off Signal Out Off/On Return</nn></nn></nn></nn></nn></nn></nn></nn>
--

MOTION Off / On **J**

The motion option when switched on allows you to create up to four areas in the picture and as motion is detected in these areas, the areas will be displayed with red moving boxes.

DET WINDOW 🤳	Enter to select window number
--------------	-------------------------------

Window Zone 0 ~3 Window Use On / Off

Det H-Pos<nn>Set horizontal positionDet V-Pos<nn>Set vertical positionDet H-Size<nn>Set horizontal sizeDet V-Size<nn>Set vertical size

Each area can be positioned using the H-Pos (horizontal position), VPos (vertical position) and sized using the H-Size (horizontal size) and V-Size (vertical size) options.

Return

DET TONE $0 \sim 4$ Sets the background tone to enable the motion detect

area to be more or less prominent.

MDRECT FILL On / Off Allows the switching on or off of the selected zone

SENSITIVITY 0 ~ 10 Sets the sensitivity of the motion detection

MOTION OSD On / Off Switch Motion On Screen Display on or off

TEXT ALARM On / Off Switch Motion Text Alarm on or off.

Return



SYSTEM	FRAME RATE FREQUENCY COM.	Main Output Analog Out 0
	IMAGE RANGE FULL / COMP / USER COLOR SPACE AUDIO MIC COLOR BAR LANGUAGE CAM TITLE RESET ON(Push) Return	Return IMAGE RANGE Offset 0 ~ 32 (Default 16) Return HD-CbCr / YUV / SD-CbCr (Not Used) Off / On ENG / CHN / CHN(S) / JPN / KOR Off / Right Up / Left Down (Use up or down to select character and left or right to select position) Hold down Iris+ button for 3 seconds

The SYSTEM menu provides a number of general facilities. These include selecting the correct camera format, setting a camera identification number and baud rate for RS485 connection, resolution mode, frame rate and colour standard, language, test colour bar, camera title and camera reset option.

OUTPUT 🎝	Main Output Analog Out 0 /1	(Out $0 = HD$ Out $1 = CVBS$)	
	Analog Out 0 TVI 🌙 (Select T	ΓVI / AHD / CVI)	
	Y Gain 0 ~ 32 Default 16	Yellow Gain	
	CB Gain $0 \sim 32$ Default 12	Blue Gain	
	CR Gain $0 \sim 32$ Default 12	Red Gain	
	Position $0 \sim 256$ Default 128	Position	
	Burst Freq 0 ~ 256 Default 128	Burst Frequency	
	Burst Gain 0 ~ 128 Default 69	Burst Gain	
UCC Select0 8 Byte (Do not change this)			
	720 EX Off/ On		
	Exit		



Analog Out1 CVBS / TVI♣ / Off

Analog Out1 CVBS

Return

FRAME RATE 1080 25P / 720 25P / 720 (Crop) 50P (Select camera frame rate)

Sets the camera output mode. 1080P is default.

FREQ 50Hz / 60Hz (Cycles per second)

COM. J Cam ID 1 (Set ID number in camera between 0 and 255)

Baud Rate 2400 / 4800 / 9600 / 57600 /115200

Set Done (Press Iris+ button)

Return

Offset $1 \sim 32$ (Default = 16)

Return

COLOR SPACE HD-CbCr (High Definition Chrominance Blue and Red)

YUV (Allows grayscale adjustment (Y= luminance UV= colour) SD-CbCr (Standard Definition Chrominance Blue and Red)

AUDIO MIC Not used

COLOR BAR Off / On (Useful for testing camera colour quality)

LANGUAGE ENG / CHN / CHN(S) / JPN / KOR (Select language required)

CAM TITLE Off / Right Up

✓ / Left Down

✓ (Enter camera title)

(Use up or down to select character and left or right to select position) Hold down Iris+ button for 3 seconds



RESET ON(Push)Press IRIS+ or joystick centre button down

Return

EXIT Press IRIS + Save & Exit

Press IRIS+ or hold in camera menu control button to Save and Exit menu.



SEE845 Camera Specifications

Sensor	1/28" SONY 2.1 MP CMOS	Video Outputs	TVI, AHD, CVI & Analogue
Resolution 1080p	1920(H) x 1080(V) @ 25fps	Independent CVBS	CVBS 700TVL separate output
Day/Night	Mechanical True Day/Night	IR Power	2 H/Powered IR LEDs up to 40 mtrs
Min.Illumination	.001 Lux (0 Lux IR LEDs on)	Power/Current	12vDC 700mA IRs On full / 150mA off
Mounting	Ceiling and Wall mounting	Deepbase	Provided for cable management
Menu	OSD direct and via coaxitron	IR Power Control	IR power adjustment
WDR	True Wide Dynamic Range option	Lens 2MP	2.8mm ~ 12mm Motorised
Viewing Angle	360 ⁰ horizontal rotation/90 ⁰ vertical	Backlight	HLC, BLC, WDR, Off
Colour	SEE845W White / SEE845B Black	Dimensions	125(H) x 120 (W) x 335 (L)mm *
NiteDevil	Sens-Up option included	Build	Metal
Privacy Masking	16 areas for Privacy Masking	IP Rating	IP65
Flat Front Glass	Flat glass to reduce IR reflection	Noise Reduction	Digital Noise Reduction option
Motion Detect	Displays message when triggered	AGC	Automatic/Selectable

^{*} The dimensions stated relate to the camera being ceiling mounted with the deep base fitted. If the camera is wall mounted then the following dimensions apply: 125(h) x 120 (w) x 360 (l)mm (Includes mounting bracket)



WEE/CG0783SS

This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.

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