



VTC-BHOC6R4F

2.1MP 3G-SDI IP67 Vandal Resistant WDR True Day/Night Bullet Camera with 3.6mm Lens & 30 IR LEDs



FEATURES:

- 1/3" 2.1 MegaPixel Progressive Scan CMOS sensor w/ NVP2420 DSP
- 2.1 MegaPixel With full 1080p 3G-SDI (SMPTE 424M) @ 60fps / 30fps HD-SDI (SMPTE 292M) @ 30fps Output
- 30 850nm Dynamic Intensity IR LEDs with 115' Range
- MegaPixel IR Corrected 3.6mm Fixed Iris lens Included
- Mechanical IR Cut Filter (True Day/Night)
- XD-DNR (2D-DNR + 3D-DNR) Noise Reduction
- 16:9 Video format
- Advanced OSD Functions: Defog, Dynamic IR, WDR, Motion Detection, Privacy mask, Mirror, BLC/HLC, D-Zoom
- 100% Pure Digital Transmission of video data
- Up to 700' HD Transmission Range (Depending on cable characteristics and integrity)
- IP67 Weather Resistance
- 12VDC Operation



External OSD Controls for Ease of installation





The lightning flash with an arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION this equipment has been tested and found to comply with limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These Limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

WARNING Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION To prevent electric shock and risk of fire hazards

- Do NOT use power sources other than that specified.
- Do NOT expose this appliance to rain or moisture.

This installation should be made by a qualified service person and should conform to all local codes.

WARNINGS

The camera needs periodic inspection.

- Contact an authorized technician for inspection.

Stop using camera if there is a malfunction.

- Avoid installing camera in high heat areas, risk of fire may occur.

Do not install the camera on a surface that can not support it.

- Unless the surface is suitable, injury or other hazards may occur.

Do not disassemble the camera.

- It may result in fire, electric shock or other hazards.

Do not hold plug with wet hands.

- It could cause an electric shock.

Do not use the camera close to a gas or oil leak.

- It may result in fire or hazards.

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www.aegiselect.com

PRECAUTIONS

Ø Do not install the camera in extreme temperature conditions.

- Only use the camera under conditions where temperatures are between -14°F and +122°F. Be especially careful to provide ventilation when operating under high temperatures.

Ø Do not drop the camera or subject it to physical shocks.

- It may cause malfunctions to occur.

Ø Never point camera into a strong light source, such as the sun or bright spotlight.

- It can damage the CMOS Sensor.

Ø Do not expose the camera to radioactivity.

- This will damage the CMOS sensor.

NOTE

• If the camera is exposed to spotlight or object reflecting strong light, smear or blooming may occur.

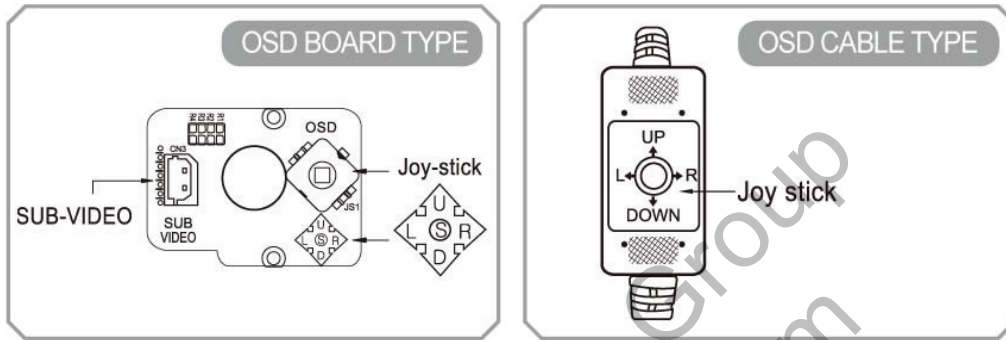
• Please check power specs before connecting power.

FEATURES

- 1/3" 2.0 Mega-Pixel Panasonic Progressive Scan Sensor
- Resolution: 1920 x 1080 (30P/25P, 60P/50P, 60i/50i)
- HD-SDI / SMPTE 292M (30P/25P HD-SDI), SMPTE 424M (60P/50P 3G SDI) Video Output
- HD over Coaxial Cable
- Uncompressed HD Digital Video
- WDR
- True Day/Night by ICR
- Smart 3DNR, 2DNR / Smart IR
- RS-485 (Pelco®-D) Remote Control, Coaxial Cable Comm.
- Sens-UP: 2x ~ 30x
- Motion Detect, Mirror, Privacy Mask, De-fog, BLC/HLC, D-Zoom

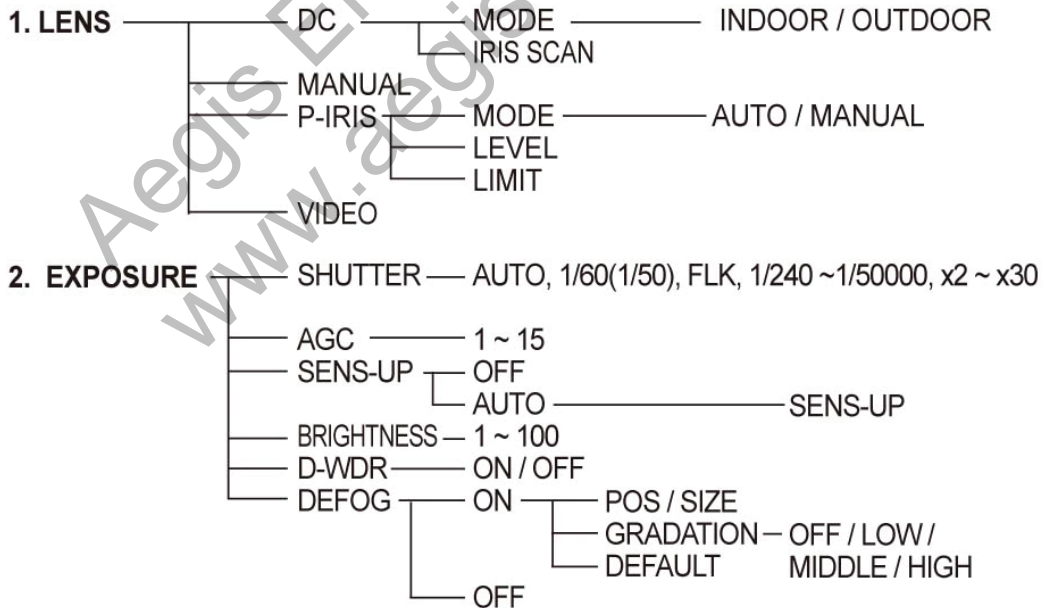
SETUP MENU (OSD)

[How to operate OSD joy stick]

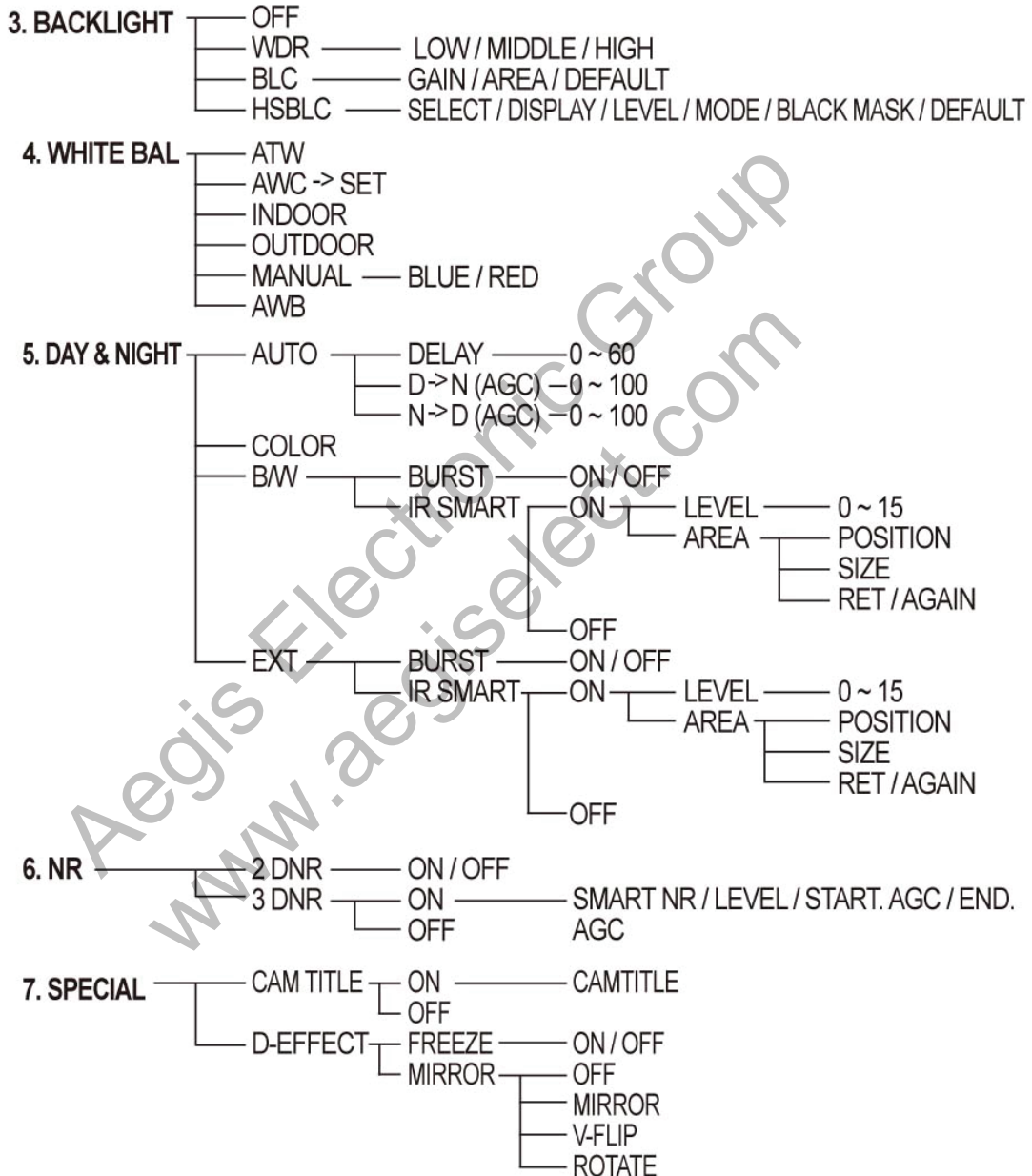


OSD menu is controlled by OSD joystick in OSD Board or OSD Cable
 -▲ (UP), ▼ (DOWN), ◀ (LEFT), ▶ (RIGHT), ● (SET / ENTER)

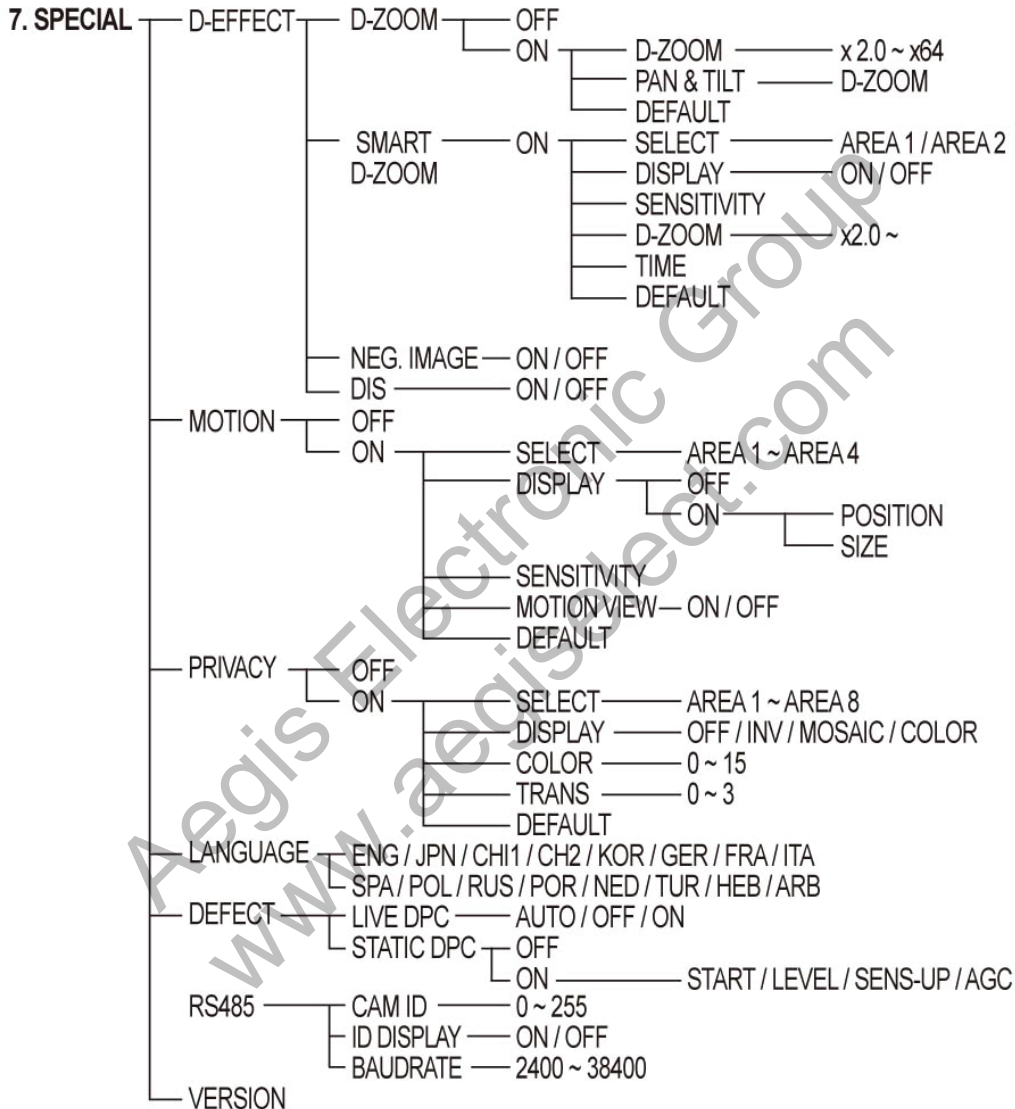
[Menu Tree]



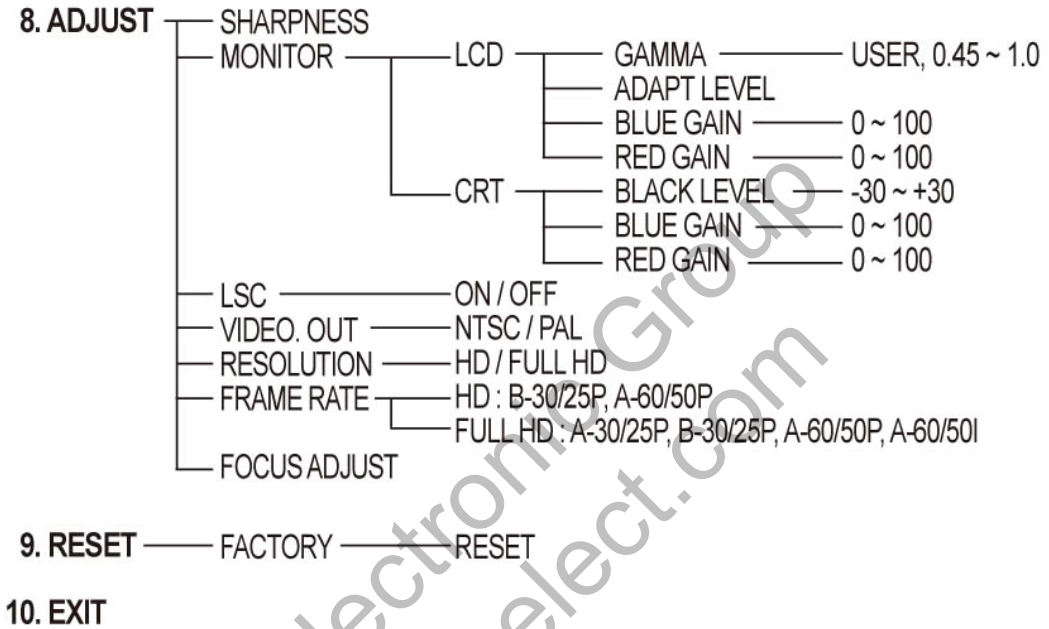
MENU TREE



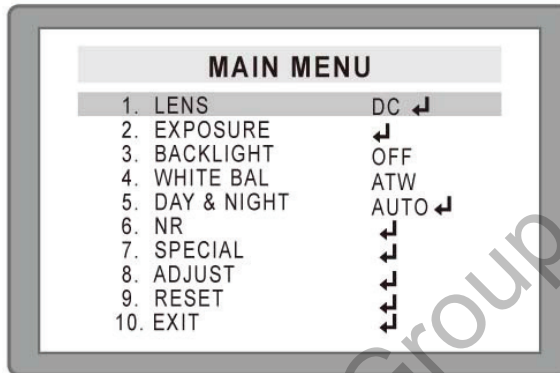
MENU TREE



MENU TREE



MAIN OSD MENU



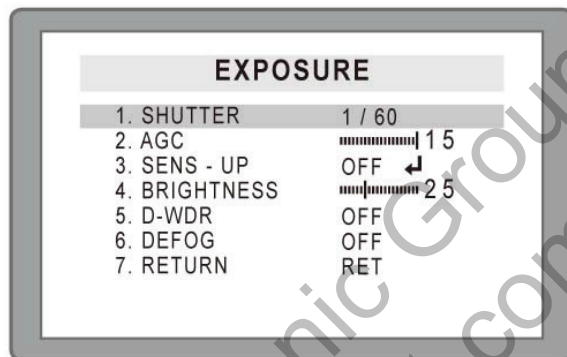
MAIN MENU	DEFAULT	DESCRIPTION
LENS	DC	Select Lens type according to mounted or built-in lens
EXPOSURE		Set SHUTTER, AGC, SENS-UP, BRIGHTNESS, D-WDR &, DEFOG
BACK LIGHT		Select WDR, BLC, HSBLC or OFF
WHITE BAL	ATW	* ATW(Auto Tracking White Balance) * AWC -> SET : White Balance is fixed at the value when *(enter) is pressed and keeps the value * INDOOR : White Balance is fixed at about 3100K * OUTDOOR : White Balance is fixed at about 5100K * Manual : Adjustable value of BLUE and RED
DAY&NIGHT	AUTO	* AUTO: DAY or NIGHT is set automatically by light level coming in through lens. DELAY TIME, D -> N and N -> D, can be set in the menu * COLOR : Color video output * B/W : B/W video output regardless of light level (removes IR cut filter automatically) * EXT : Day(Color) or Night(B/W) is decided by external light sensor(CDS sensor) All IR LED cameras should be set to EXT.
NR		* Set 2DNR, 3DNR, LEVEL, SMART NR
SPECIAL		* Set CAM TITLE, D-EFFECT, MOTION, PRIVACY, LANGUAGE,DEFECT & RS 485
ADJUST		* Set SHARPNESS, MONITOR, LSC, TV SYSTEM (Video Out), RESOLUTION & FRAME RATE
RESET		* Push • (Enter) at FACTORY, all parameters return to factory default.
EXIT		* Save all and Exit

1. LENS

Select Lens type, DC, MANUAL or P-IRIS.

DC Lens: * MODE: Set INDOOR or OUTDOOR

2. EXPOSURE



EXPOSURE	DEFAULT	DESCRIPTION
SHUTTER	AUTO	<p>Set Shutter Speed, 1/60(1/50), FLK, 1/240 ~ 1/50000 or x2 ~ x30</p> <p>* If camera is equipped with auto iris lens, recommended to set to AUTO.</p> <p>* In the region NTSC but 50Hz power, set to FLK (Flickerless). In the FLK mode, sensitivity will be lowered under low light.</p> <p>* X2 ~ x30, SENS-UP is working at selected frame integration rate regardless of light level.</p>
AGC		<p>* Under lowest light level, AGC is maximized by Automatic Gain Controller * Can set AGC level</p>
SENS-UP	AUTO	<p>* If set to AUTO, Set limitation of maximum integration frame rate 2 ~ x30</p> <p>* Higher SENS-UP rate is higher sensitivity but slower refresh rate.</p> <p>* Due to long shutter time, some white dots may appear.</p> <p>* Usable at AUTO or 1/60(1/50) for A60/50P, A60/50i & A30/25P and 1/30(1/25) for B30/25P set up</p>
BRIGHTNESS	40	<p>* Brightness level. The higher the value, the brighter the image is.</p> <p>* Brightness is controlled by the iris of auto iris lens or shutter speed of fixed iris lens.</p>
D-WDR	OFF	<p>* D-WDR is to enhance brightness of dark areas by partially increasing gain.</p> <p>* If set too high, white noise will increased in the</p>

		dark area.
DEFOG	OFF	* This is to enhance visibility in foggy environments but the performance is limited.

3. BACKLIGHT

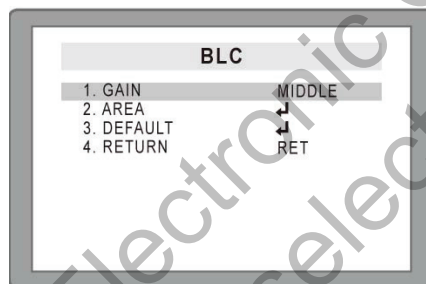
Select Backlight mode, WDR, BLC or HSBLC

3-1. WDR

Set WDR level, LOW, MIDDLE or HIGH

Note) WDR mode works only with HD-SDI output and not the CVBS (composite out)

3-2. BLC



* BLC: This function is used to brighten an image in the foreground with a highly bright area behind it such as sunlight, limiting the affect of a silhouette.

BLC	DEFAULT	DESCRIPTION
GAIN	MIDDLE	<ul style="list-style-type: none"> * Gain will compensate the brightness of objects in the selected area. * Higher GAIN can brighten the object but other areas may saturate and noise may increase. * BLC may not work correctly if the background is dark and bright.
AREA		<ul style="list-style-type: none"> * This is to set the size and location of BLC area. * If the area is too small the compensation may be unstable, and if too large it will be less effective * Area has 15 x 8 blocks and the SIZE and POSITION can be set by UP/DOWN/LEFT/RIGHT button.
DEFAULT	AUTO	<ul style="list-style-type: none"> * Reset current settings and loads the default for BLC setting.



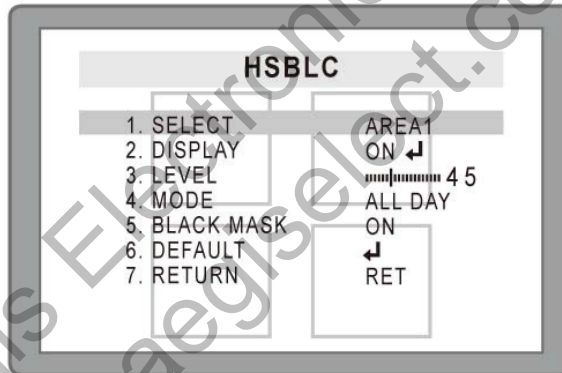
BLC ON



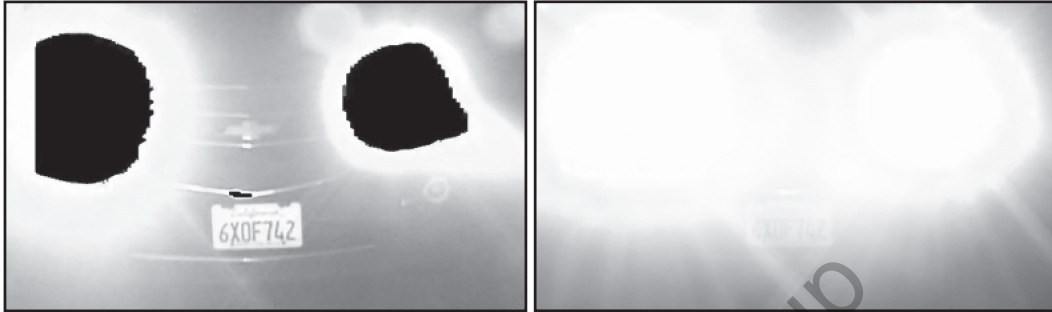
BLC OFF

3-3. HSBLC

This function is used to black out highlighted (bright) areas, in order to enable a clear visual image of objects, such as the license plates of an oncoming vehicle or other objects that may be obstructed by headlamps.



HSBLC	DEFAULT	DESCRIPTION
SELECT	AREA1	* Select area to adjust AREA 1~4.
DISPLAY	ON	* Choose ON then push ● button to enter into selected area. Can set POSITION & SIZE of the area
LEVEL	45	Defines the threshold level for HLC. Lower value is more sensitive.
MODE	ALL DAY	* Choose ALL DAY or NIGHT * ALL DAY : HSBLC works all day regardless of DAY or NIGHT mode * NIGHT : HSBLC works when camera is in NIGHT mode only
BLACK MASK	ON	* Set ON or OFF for displaying black mask.
DEFAULT		* Reset current settings and loads default of HSBLC.



HSBLC ON

HSBLC OFF

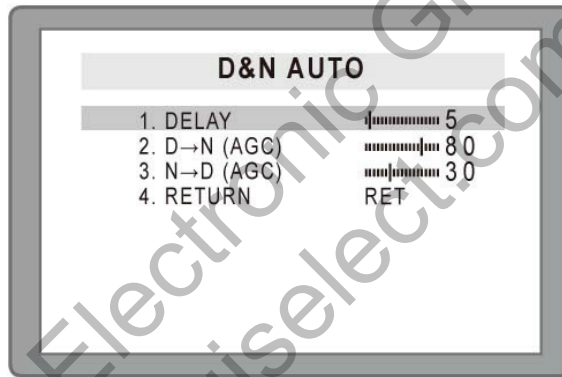
4. WHITE BALANCE

WHITE BAL	DEFAULT	DESCRIPTION
WHITE BAL	ATW	<ul style="list-style-type: none"> * ATW(Auto Tracking White balance): White balance performs automatically * AWC -> SET : Sets the white balance to the current scene * INDOOR : White balance is fixed at about 3100K * OUTDOOR : White balance is fixed at about 5100K * MANUAL : Adjustable fixed value of RED & BLUE * AWB : Auto White Balance

5. DAY & NIGHT

DAY & NIGHT	DEFAULT	DESCRIPTION
DAY & NIGHT	AUTO	<ul style="list-style-type: none"> * AUTO : Camera switches DAY from/to NIGHT automatically according to the amount of light through the lens. * COLOR : Camera stays color regardless of light level * B/W: Camera stays black & white regardless of light level. * EXT : DAY or NIGHT is decided by light sensor(CDS sensor) use this if camera has built in IR's

5-1. AUTO



AUTO	DEFAULT	DESCRIPTION
DELAY	5	<ul style="list-style-type: none"> * DELAY is dwell time before switching D->N or N->D after checking light level. * DELAY can avoid unnecessary switching by short term light. * Camera should retain the present environment for longer than DELAY (DWELL TIME).
D -> N (AGC)	80	<ul style="list-style-type: none"> * D->N is threshold level to switch from DAY to NIGHT. * Lower value makes the camera switch to NIGHT mode at lower light level.
N -> D (AGC)	35	<ul style="list-style-type: none"> * N->D is threshold level to switch from NIGHT to DAY. * Lower value makes the camera exit NIGHT mode at brighter light level

* If the gap between D -> N and N -> D value is too small, repeated switching may occur

Recommend set the gap to more than 40

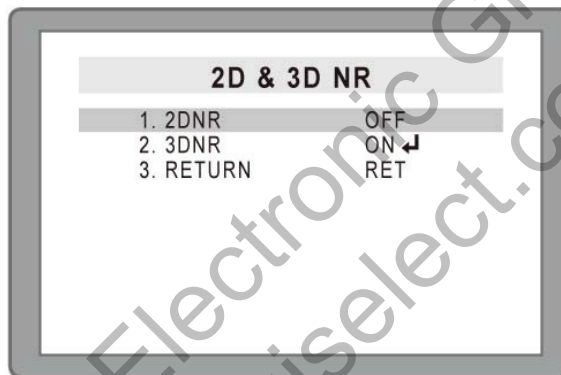
5-2. B/W

B/W	DEFAULT	DESCRIPTION
BURST		* Set BURST ON or OFF
IR SMART	OFF	* Set IR SMART ON or OFF

5-3. EXT

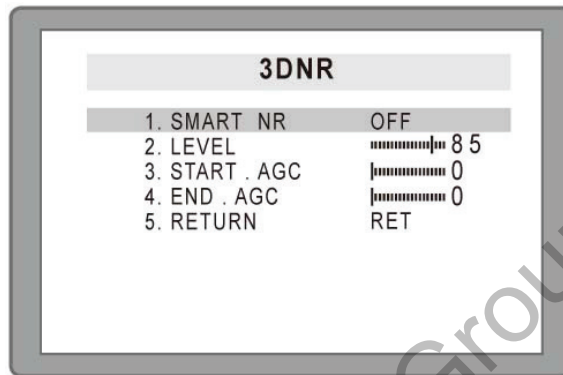
EXT	DEFAULT	DESCRIPTION
BURST		* Set BURST ON or OFF
IR SMART	OFF	* Set IR SMART ON or OFF

6. NR



2D & 3D is a powerful noise reduction technology at low light. 2DNR reduces noise with spatial frequency for each field but too strong of noise reduction will be loss of sharpness. 3 DNR (3-dimensional noise reduction) which reduces the noise by multi frame comparison? Noise Reduction is effective at low light. Setting a higher level of noise reduction may result in the loss of sharpness and the tail effect of a comet may occur.

6-1. 3DNR (ON)



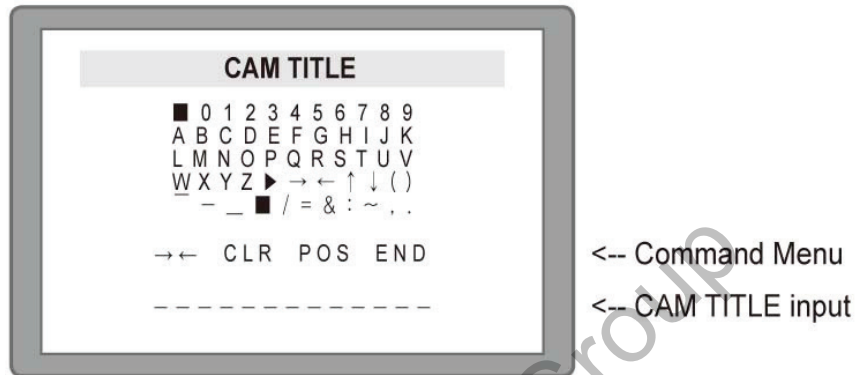
3DNR	DEFAULT	DESCRIPTION
SMART NR	ON	<ul style="list-style-type: none"> * Camera is watching for any motions. * When no motion is detect: 3 DNR is working with maximum noise reduction automatically. This will save HDD space on the DVR * When motion is detected: 3 DNR deactivates slow motion capture for moving object.
LEVEL	80	<ul style="list-style-type: none"> * Set strength of 2D & 3 DNR. * Higher value, higher noise reduction. * If set too high, sharpness will be lost in 2 DNR and will have a tail effect in 3 DNR
START. AGC	0	<ul style="list-style-type: none"> * Set Start level of noise reduction * Higher level allows 3 DNR to start at brighter light level
END. AGC	0	<ul style="list-style-type: none"> * Set stop level of noise reduction * Higher level allows 3 DNR to start at brighter light level

7. SPECIAL

SPECIAL	
1. CAM TITLE	OFF
2. D-EFFECT	↓
3. MOTION	OFF
4. PRIVACY	OFF
5. LANGUAGE	ENG ↓
6. DEFECT	↓
7. RS485	↓
8. VERSION	131018
9. RETURN	RET

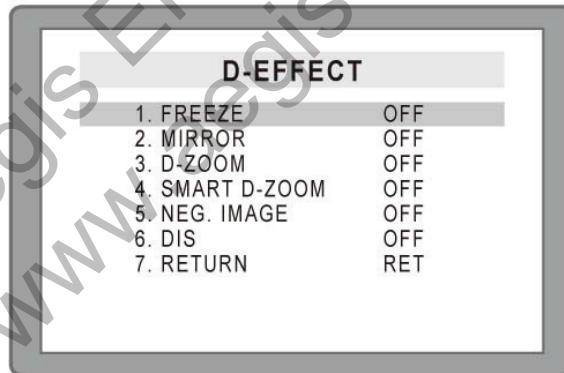
SPECIAL	DEFAULT	DESCRIPTION
CAM TITLE	OFF	* If set to ON, camera title is displayed.
D-EFFCT		* Can set FREEZE, MIRROR, D-ZOOM, SMART D-ZOOM, NEG.IMAGE & DIS.
MOTION	OFF	* Programmable up to 4 areas. If motion is detected, mosaic effect appears.
PRIVACY	OFF	* Programmable up to 8 masked areas.
LANGUAGE	ENG	* Support 16 languages, ENG / JPN / CHI1 / CH2 / KOR / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR / HEB / ARB * To change the language, push ● (SET/ENTER). It will be taken about 4seconds to load new language fonts.
DEFECT		* Defect pixels in the image sensor is compensated and remapped.
RS485		* Set RS485 for remote control. CAM ID & BAUDRATE

7-1. CAM TITLE



- * Input max.15 characters or symbols by using▲ (up)/▼ (down)/◀ (left)/▶ (right) buttons.
- * Press ● to select and the selected character/symbol will be displayed on the input line
- * → ←: move CAM TITLE input position
- * CLR: remove all inputted characters and symbols
- * POS: move and set CAM TITLE display position
- * END: finish and return to menu

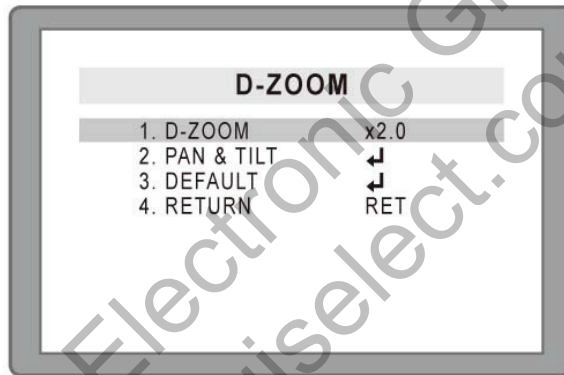
7-2. D-EFFECT



D-EFFECT	DEFAULT	DESCRIPTION
FREEZE	OFF	* freeze image and shows still image when set to ON
MIRROR	OFF	* OFF : normal image display * MIRROR / V-FLIP / ROTATE(H/V FLIP) * Cannot use if FREEZE is set to ON.

D-ZOOM	OFF	* Available max. 62x digital zoom. * PAN/TILT : set zoom position by moving UP / DOWN / LEFT / RIGHT. * Usable at 30/25P resolution. Cannot synchronize with SMART D-ZOOM but usable either D-ZOOM
SMART D-ZOOM		When motion is detected camera will digitally zoom in
NEG.IMAGE	OFF	* If set to ON, shows negative image
DIS		* Digital Image Stabilizer. Available at A-30/25P set up (will lose part of image)

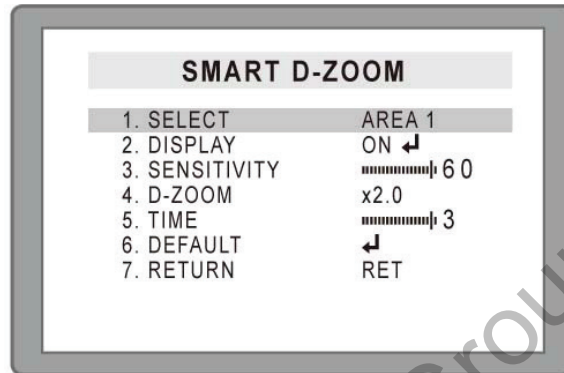
7-2. □D-ZOOM



D-ZOOM	DEFAULT	DESCRIPTION
D-ZOOM	X2.0	2~64 X digital zoom, area can be scanned by using Pan/Tilt
PAN/TILT		*Set zoom position by moving UP / DOWN / LEFT / RIGHT
DEFAULT		* Reset all changes in the menu

- 1). When entering or exiting D-Zoom video will be lost for a second so that the camera can adjust to new setting
- 2). CVBS (Sub-Video) is off at D-ZOOM "ON"

7-2. □ SMART D-ZOOM

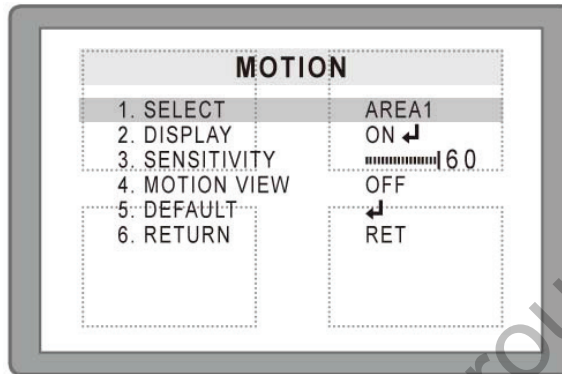


When motion is detected Smart D-Zoom will zoom into defined area. Smart D-zoom will not work if D-Zoom is enabled

SMART D-ZOOM	DEFAULT	DESCRIPTION
SELECT		* Able to set 2 areas
DISPLAY		* Set display box ON or OFF
SENSITIVITY		* Set sensitivity of D-ZOOM
TIME		* Set display time of D-ZOOM
DEFAULT		* Return to default

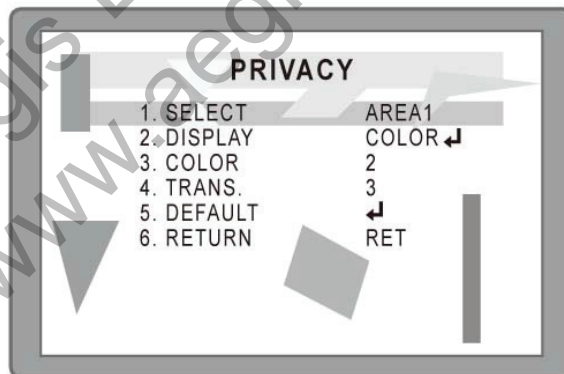
CVBS (Sub-Video) is off when SMART D-ZOOM is "ON"

7-3. MOTION



MOTION	DEFAULT	DESCRIPTION
SELECT	AREA 1	* Select area to be detected. Selectable up to 4 areas.
DISPLAY	ON	* Able to position area and resize motion area
SENSITIVITY	50	* Set sensitivity value. Lower value is more sensitive.
MOTION VIEW	ON	* ON : Enable mosaic display for the selected area
DEFAULT		* Return to DEFAULT

7-4. PRIVACY



Up to 8 privacy zones.

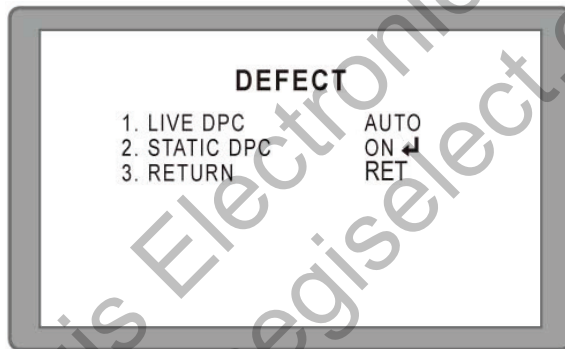
PRIVACY	DEFAULT	DESCRIPTION
SELECT		* Select the area to mask. select area 1~ 8
DISPLAY		* Select display type, OFF, INV, COLOR or MOSAIC set size and position to be masked for the selected area
COLOR		* Select color for masking, If color is selected in Display each area is able to have a different color
TRANS		* Able to set the transparence of selected color
DEFAULT		* Return to DEFAULT

7-5. DEFECT

Usually image sensors have some defective pixels and they can be compensated digitally by the image signal processor.

This menu provides compensation for the defective pixels in LIVE DPC & Static DPC

7-5. ① LIVE DPC

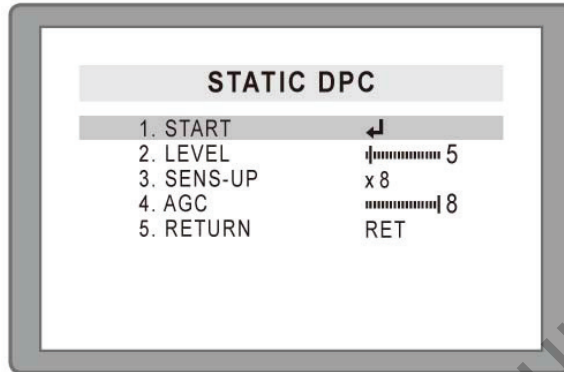


LIVE DPC	DEFAULT	DESCRIPTION
LIVE DPC	AUTO	<ul style="list-style-type: none"> * Real time compensation for defective pixels . Higher level of LIVE DPC can reduce Sharpness * AUTO: compensates defective pixels automatically. * ON : Enable LIVE DPC able to set LEVEL LEVEL: Sets the limit for white dot noise level caused by a defect pixel. Lower level is compensating more pixels. * OFF : Disable LIVE DPC

7-5.

② STATI

C DPC

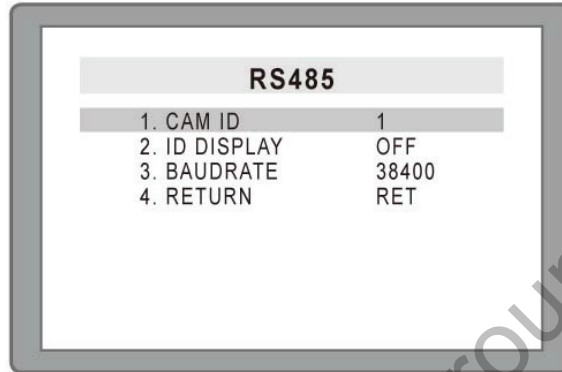


STAIICE DPC	DEFAULT	DESCRIPTION
STATIC DPC	ON	* Detect defective pixels while dark then saves the data for compensation. After starting STATIC DPC camera will close iris automatically. It is also recommended to cover lens during this process. * ON : Enable STATIC DPC * OFF : Disable STATIC DPC

STATIC DPC "ON"

START		* Push ● button, camera will close the lens automatically and then detect defect pixels.
LEVEL	25	* This is limit for white dots noise level caused by a defect pixel.
SENS-UP	X4	* SENS-UP rate will show more defective pixels to compensate but too high of rate will cause wrong detection for regular noise.
AGC		* Set AGC level

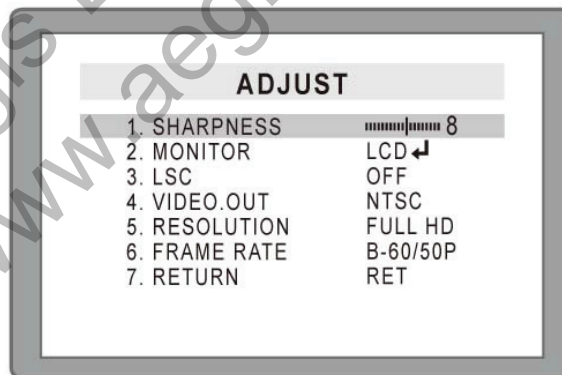
7-6. RS485



This is to set RS-485 with PELCO-D protocol for remote control.

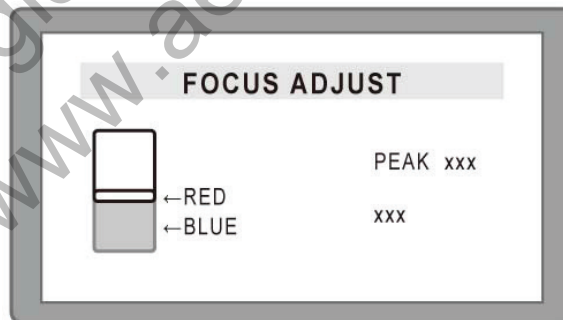
RS485	DEFAULT	DESCRIPTION
CAM ID	1	* Set camera ID No. 0 ~ 255
ID DISPLAY	OFF	* OFF: camera ID No. is not displayed. * ON : Display the ID No on the top-right
BAUDRATE	2400	Set baud rate, 2400 / 4800 / 9600 / 19200 / 38400.

8. ADJUST



ADJUST	DEFAULT	DESCRIPTION
SHARPNESS	8	* Set sharpness level of picture. * Setting to high will cause more noise and a harsh image
MONITOR	LCD CRT	* Select LCD or CRT monitor. * LCD : Adjustable GAMMA, BLUE GAIN & RED GAIN. Higher GAMMA is increasing Contrast but loses visibility in dark areas. * CRT : Adjustable BLACK LEVEL, BLUE GAIN & RED GAIN
LSC	OFF	* LSC (Lens shading compensation): enhance brightness of corners (both sides). If this is ON, more noise will be appearing.
VIDEO OUT RESOLUTION	OFF	* Select TV system, NTSC or PAL
FRAME RATE	B-30/25P	* Select frame rate A-30/25P : Lowest shutter speed 1/60(50) 30fps progressive output A-60/50i : Lowest shutter speed 1/60(50) 60fps Interlace output B-30/25P : Lowest shutter speed 1/30(25) 60fps progressive output B-60/50P : Lowest shutter speed 1/60(50) 60fps progressive output
FOCUS ADJUST		* Assists if focusing Camera. See below 8.1

8-1. FOCUS ADJUST



Focus Adjust will assist in focusing the lens. On the left side of the screen there will be a Blue bar and a Red bar, adjust so the Red bar is on top of the Blue bar. On the right side of the screen there will be 2 sets of numbers, adjust focus so the lower number is as close as possible to the PEAK number

9. RESET

Push enter button at FACTORY - RESET, return to factory default.

10. EXIT

Save all then exit.

Note

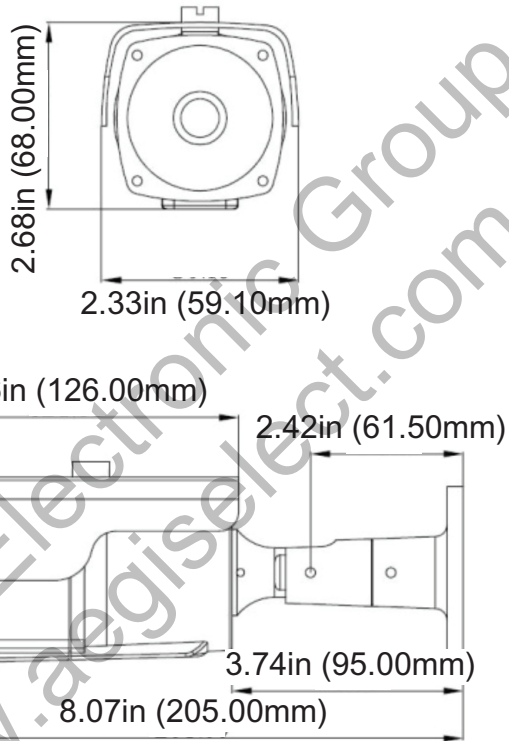
Function List of Simultaneous Operation

FPS \ Function	OSD	CVBS	3DNR	WDR	D-ZOOM/DIS
30p	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	X	X
	<input type="radio"/>	X	<input type="radio"/>	<input type="radio"/>	X
	<input type="radio"/>	X	<input type="radio"/>	X	<input type="radio"/>
60p	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	X	X
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	X
60i	<input type="radio"/>	X	<input type="radio"/>	X	X

0= in use X = not in use

DIMENSIONS

Unit of measurement: inch (mm)



SPECIFICATIONS

SPECIFICATIONS	
Sensor	1/3" 2.1 MegaPixel Progressive Scan CMOS sensor w/NVP2420 DSP
Resolution	2.1 MegaPixel (1080p / 720p)
S/N	More than 50 dB (AGC Off)
Video Output	60fps 3G-SDI (SMPTE 424M) / 30fps HD-SDI (SMPTE 292M)
IR Illuminators	30 IR LEDs
IR Color Temp.	850nm
IR Range	115'
Dynamic Intensity IR LEDs	YES
Lens	MegaPixel 3.6mm Fixed
Auto Focus Zoom	N/A
Digital Zoom	YES
Minimum Illumination	1.0 Lux / 05 Lux (B/W) / 0 Lux with IR On
Day/Night	Mechanical IR Cut Filter (True Day/Night)
Electronic shutter speed	1/30sec ~ 1/50,000sec
White Balance	ATW / AWC / Indoor / Outdoor / Manual
Brightness	Adjustable (2 ~ 30 Steps)
DSS (Sens-Up)	YES
DNR	XD-DNR (2D-DNR & 3D-DNR)
WDR	YES
Privacy	YES
Motion Detection	YES
ACE (Adaptive Color Enhancement)	YES
Advanced OSD Functions	Defog, Dynamic IR, WDR, Motion Detection, Privacy mask,
Advanced OSD Functions cont.	Mirror, BLC/HLC, D-Zoom
Communication	RS-485 (Pelco® D)
HD Transmission Range	Up to 700' (Depending on cable characteristics and integrity)
Weather Resistance Rating	IP-67
Operating Conditions	14°-122°F (-10°-50°C) < 80% RH
Input Voltage	12VDC
Power Consumption (12VDC)	200mA / 450mA
Dimensions	2.33" x 2.68" x 8.07" (W x H x D)

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OTHER PRODUCTS FROM VITEK

On Cue HD-SDI Video Recorders



VT-HDOCE Series

On Cue Series 4, 8, and 16 Channel Real Time 1080p EX-SDI Digital Video Recorders

- 4, 8 OR 16 CH EX-SDI / Analog Inputs (hybrid) with Full 1080p Camera Support
- Now Supporting Cable distance of up to 1000' using RG59!*
- Hybrid Operation over COAX for HD-SDI, 960H, and D1 Cameras
- Simple plug and play, point-to-point connection from camera to DVR
- Real Time Recording on all channels at 1080p (VT-HDOC4E: 120fps), (VT-HDOC8E: 240fps), (VT-HDOC16E: 480fps)
- HDMI, VGA, and Spot BNC Outputs
- Up to 5 Internal SATA2/SATA3 HDD Slots supporting up to 20TB (5 x 4TB HDD) using Advanced HDD Format
- External SATA Port (eSATA) Supporting up to 5x External via eSATA
- Pentaplex Operation (Playback, Recording, Backup, Network)
- Alarm In/Out
- Per channel Image Adjustment
- 4 Channel Audio In
- 32 x 24 Motion Detection Grid
- Multi channel Spot output
- Panorama (Thumbnail) Search
- Remote Viewing via CMS Software, Internet Explorer, and Mobile Phones (iOS/Android), Mac OSX App
- Linear digital zoom for live and playback
- Up to 7 Simultaneous Network/Remote Connections
- 256 Camera Remote Viewing via CMS Software
- RS485 Communication port



LIMITED LIABILITY WARRANTY

VITEK products carry a three (3) year limited warranty. VITEK warrants to the purchaser that products manufactured by VITEK are free of any rightful claim of infringement or the like, and when used in the manner intended, will be free of defects in materials and workmanship for a period of three (3) years, or as otherwise stated above, from the date of purchase by the end user. This warranty is nontransferable and extends only to the original buyer or end user customer of a VITEK Authorized Reseller.

The product must have been used only for its intended purpose, and not been subjected to damage by misuse, willful or accidental damage, caused by excessive voltage or lightning.

The product must not have been tampered with in any way or the guarantee will be considered null and void.

This guarantee does not affect your statutory rights.

Contact your local VITEK Reseller should servicing become necessary.

VITEK makes no warranty or guarantee whatsoever with respect to products sold or purchased through unauthorized sales channels. Warranty support is available only if product is purchased through a VITEK Authorized Reseller.