

# 1080P HD CAMERA



KD-5571V



External OSD Cable

- 2M SONY CMOS Sensor
- ACCE ( D-WDR)
- Support 2DNR / 3DNR / Smart NR
- OSD function control
- DPC (Dead Pixel Correction)
- HLC (High Light Compensation)
- HD-SDI output and analog CVBS output
- Support HD-SDI (1920x1080@30P/ 1280X720@60P)
- 8 Privacy zone (Each zone size can be modified)
- Digital Zoom (x64) & PIP(Full/Zoom Image)
- Flicker Suppression
- Low Shutter Control
- Motion Detection
- DEFOG



Specifications		
Image Device	Image Sensor	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	Resolution	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
Lens	Mount	2Mega-pixel 3.3-12mm Vari-focal Auto Iris ICR Lens
	View Angle	125°-35°
Functions	AGC	Low / Middle / High
	Shutter	1/25(30)~1/50000
	Sens-Up	x2~x30
	Min Illuminance	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	White Balance	ATW / Manual / INDOOR / OUTDOOR / AWC → SET
	Backlight Compensation	BLC / HSBLC / Off
	D-WDR	Low / Middle / High (ACCE) / Off
	2D/3D-NR	2DNR / 3DNR / SMART NR
	Adjust	SHARPNESS / MONITOR / LSC / NTSC/PAL
	Privacy zone	On / Off (8 Zone Selectable)
	Digital Zoom / PIP	On / Off(x2 ~ x64)
	Day & Night	Color / B&W / Auto / EXT@IR-Smart control
Video Output	OSD	English/Japanese / Traditional /Simplified
	Others	Motion detection , Image Flip & Mirror
	HD-SDI	MCX connector
Electricity	Analog CVBS	CVBS output through BNC
	Power Consumption	DC12V / 300mA
Mechanical	Dimension / Weight	130 (Ø) x 100(H) mm / 300g(DC)
Environment	Operation Temperature	0 °C ~ 70 °C

## OSD Feature

1.LENS	DC VIDEO MANUAL	INDOOR / OUTDOOR		
2.EXPOSURE	SHUTTER	Auto / (x2~x30) / FLK / (1/30~1/50000)		
	AGC	Low / Middle / High		
	SENS-UP	Off / Auto		
	BRIGHTNESS	1-100		
	ACCE	Off / Low / Middle / High		
	DEFOG	Off / Low / Middle / High		
	BACKLIGHT	BLC	GAIN	Low / Middle / High
			AREA	POSITION SIZE
			DEFAULT	
		HSBLC	SELECT	AREA1 / AREA2 / AREA3 / AREA4
DISPLAY			ON / OFF	
LEVEL			0-100	
3.WHITE BAL	ATW	Blue(0-100)		
	MANUAL	Red(0-100)		
	INDOOR			
	OUTDOOR			
4.DAY&NIGHT	AWC - SET			
	AUTO	DELAY	0-60(sec)	
		D ~ N(AGC)	0-100	
		N ~ D(AGC)	0-100	
	COLOR	BURST	ON / OFF	
		IR SMART	LEVEL(0-15)	
		AREA		
		IR LED	ON / OFF	
	B/W	IR LED	ON / OFF	
		IR PWM	0-100	
EXT				
5.NR	2DNR	ON / OFF		
	3DNR	ON		
	LEVEL	S-LEVEL(0-100) E-LEVEL(0-100)		
	SMART NR	OFF		
6.SPECIAL	CAM TITLE	0-100		
		ON / OFF		

D-EFFECT	FREEZE	ON / OFF	
	MIRROR	OFF / MIRROR / V-FLIP / ROTATE	
	D-ZOOM	ON	PIP ON / OFF
		D-ZOOM	x2 - x64
		PAN&TILT	DEFAULT
	NEG IMAGE	ON / OFF	
	MOTION	ON	SELECT AREA1 / AREA2 / AREA3
			DISPLAY ON / OFF
			SENSITIVITY 0-60
			MOTION VIEW ON / OFF
OFF	DEFAULT		
PRIVACY	ON	SELECT AREA1 - AREA8	
		DISPLAY ON / OFF	
		COLOR 1-16	
OFF	DEFAULT		
LANGUAGE	ENG / JPN / CHN1 / CHN2		
DEFECT	LIVE DPC	ON / OFF / AUTO	
	LEVEL	0-60	
	STATIC DPC	ON / OFF	
	START		
RS485	LEVEL	0-60	
	SENS-UP	x2 - x30	
	CAM ID	0-255	
	ID DISPLAY	ON / OFF	
7.ADJUST	BAUDRATE		
	VERSION		
	SHARPNESS	SHARPNESS	ON / OFF
		LEVEL	0-100
	MONITOR	RESOLUTION	ON / OFF
		LCD	GAMMA AUTO USER1 USER2 0.45 - 1.00
	8.RESET	CRT	BLUE GAIN(0-100)
			RED GAIN(0-100)
			BLACK LEVEL
		OSD	BLUE GAIN(0-100)
RED GAIN(0-100)			
TEXT COLOR			1-8
LSC	OUTLINE	ON / OFF	
NTSC / PAL	ON / OFF		

# 1080P HD CAMERA



**KD-5951V**



External OSD Cable

- 2M SONY CMOS Sensor
- ACCE ( D-WDR)
- Support 2DNR / 3DNR / Smart NR
- OSD function control
- DPC (Dead Pixel Correction)
- HLC (High Light Compensation)
- HD-SDI output and analog CVBS output
- Support HD-SDI (1920x1080@30P/ 1280X720@60P)
- 8 Privacy zone (Each zone size can be modified)
- Digital Zoom (x64) & PIP(Full/Zoom Image)
- Flicker Suppression
- Low Shutter Control
- Motion Detection
- DEFOG



Specifications		
Image Device	Image Sensor	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	Resolution	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
Lens	Mount	2Mega-pixel 3.3-12mm Vari-focal Auto Iris ICR Lens
	View Angle	125°-35°
Functions	AGC	Low / Middle / High
	Shutter	1/25(30)~1/50000
	Sens-Up	x2~x30
	Min Illuminance	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	White Balance	ATW / Manual / INDOOR / OUTDOOR / AWC → SET
	Backlight Compensation	BLC / HSBLC / Off
	D-WDR	Low / Middle / High (ACCE) / Off
	2D/3D-NR	2DNR / 3DNR / SMART NR
	Adjust	SHARPNESS / MONITOR / LSC / NTSC/PAL
	Privacy zone	On / Off (8 Zone Selectable)
	Digital Zoom / PIP	On / Off(x2 ~ x64)
	Day & Night	Color / B&W / Auto / EXT@IR-Smart control
Video Output	OSD	English/Japanese / Traditional /Simplified
	Others	Motion detection , Image Flip & Mirror
	HD-SDI	MCX connector
Electricity	Analog CVBS	CVBS output through BNC
	Power Consumption	DC12V / 230mA
Mechanical	Dimension / Weight	136 (Ø) x 106(H) mm / 700g
Environment	Operation Temperature	-30°C ~ 70°C

## OSD Feature

1.LENS	DC	INDOOR / OUTDOOR		
VIDEO	MANUAL			
2.EXPOSURE	SHUTTER	Auto / (1/2~1/30) / FLK / (1/30~1/50000)		
	AGC	Low / Middle / High		
	SENS-UP	Off / Auto		
	BRIGHTNESS	1-100		
	ACCE	Off / Low / Middle / High		
	DEFOG	Off / Low / Middle / High		
	BACKLIGHT	BLC	GAIN	Low / Middle / High
			AREA	POSITION / SIZE
			DEFAULT	
			SELECT	AREA1 / AREA2 / AREA3 / AREA4
DISPLAY			ON / OFF	
HSBLC		LEVEL	0-100	
		MODE	DAY / NIGHT	
		BLACK MASK	ON / OFF	
		DEFAULT		
3.WHITE BAL	ATW	Blue(0-100)		
	MANUAL	Red(0-100)		
		INDOOR		
		OUTDOOR		
		AWC → SET		
4.DAY/NIGHT	AUTO	DELAY	0-60(sec)	
		D - N(AGC)	0-100	
		N - D(AGC)	0-100	
	COLOR	BURST	ON / OFF	
		IR SMART	LEVEL(0-15)	
		AREA		
	B/W	IR LED	ON / OFF	
		IR PWM	0-100	
	EXT			
	5.NR	2DNR	ON / OFF	
3DNR		ON	S-LEVEL(0-100)	
		OFF	E-LEVEL(0-100)	
LEVEL		0-100		
6.SPECIAL	SMART NR			
	CAM TITLE	ON / OFF		

D-EFFECT	FREEZE	ON / OFF		
	MIRROR	OFF / MIRROR / V-FLIP / ROTATE		
	D-ZOOM	ON	PIP	
			x2 - x64	
			PARALLEL	
		NEG IMAGE	ON / OFF	
	MOTION	ON	SELECT	AREA1 / AREA2 / AREA3
			DISPLAY	ON / OFF
			SENSITIVITY	0-60
			MOTION VIEW	ON / OFF
	OFF			
PRIVACY	ON	SELECT	AREA1 - AREA8	
		DISPLAY	ON / OFF	
		COLOR	1-16	
	OFF			
LANGUAGE	ENG / JPN / CHN1 / CHN2			
DEFECT	LEVEL DEC	ON / OFF / AUTO		
	LEVEL	0-60		
	STATIC DPC	ON / OFF		
	START			
RS485	LEVEL	0-60		
	SENS-UP	x2 - x30		
	CAM ID	0-255		
	ID DISPLAY	ON / OFF		
	BAUDRATE			
	VERSION			
7.AJUST	SHARPNESS	SHARPNESS	ON / OFF	
		LEVEL	0-100	
		RESOLUTION	ON / OFF	
	MONITOR	LCD	GAMMA	AUTO
				USER1
				USER2
				0.45 - 1.20
				BLUE GAIN(0-100)
				RED GAIN(0-100)
				BLACK LEVEL
			BLUE GAIN(0-100)	
			RED GAIN(0-100)	
			TEXT COLOR	
		1-8		
		OUTLINE		
		ON / OFF		
	LSC			
	NTSC / PAL			
8.RESET				



# 1080P HD Camera / 30M IR



**KD-7821**

- 2M SONY CMOS Sensor
- ACCE ( D-WDR)
- Support 2DNR / 3DNR / Smart NR
- OSD function control
- DPC (Dead Pixel Correction)
- HLC (High Light Compensation)
- HD-SDI output and analog CVBS output
- Support HD-SDI (1920x1080@30P/ 1280X720@60P)
- 8 Privacy zone (Each zone size can be modified)
- Digital Zoom (x64) & PIP(Full/Zoom Image)
- Flicker Suppression
- Low Shutter Control
- Motion Detection
- DEFOG

2M	1080P	2DNR	3DNR	OSD	D-WDR	HLC	DEFOG	Digital Zoom	DPC
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Specifications		
<b>Image Device</b>	<b>Image Sensor</b>	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	<b>Resolution</b>	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
<b>Lens</b>	<b>Mount</b>	3Mega-pixel 6mm ICR board lens (8mm optional)
<b>Illumination</b>	<b>Sensitivity</b>	Color mode automatic switches to B/W mode under 2 Lux
<b>IR LED</b>	<b>Infrared Ray LED</b>	48 pcs IR LED / 30 IR distance
<b>Functions</b>	<b>AGC</b>	Low / Middle / High
	<b>Shutter</b>	1/25(30)~1/50000
	<b>Sens-Up</b>	x2~x30
	<b>Min Illuminance</b>	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	<b>White Balance</b>	ATW / Manual / INDOOR / OUTDOOR / AWC -- SET
	<b>Backlight Compensation</b>	BLC / HSBLC / Off
	<b>D-WDR</b>	Low / Middle / High (ACCE) / Off
	<b>2D/3D-NR</b>	2DNR / 3DNR / SMART NR
	<b>Adjust</b>	SHARPNESS / MONITOR / LSC / NTSC/PAL
	<b>Privacy zone</b>	On / Off (8 Zone Selectable)
	<b>Digital Zoom / PIP</b>	On / Off(x2 ~ x64)
	<b>Day &amp; Night</b>	Color / B&W / Auto / EXT@IR-Smart control
<b>Video Output</b>	<b>OSD</b>	English/Japanese / Traditional /Simplified
	<b>Others</b>	Motion detection , Image Flip & Mirror
	<b>HD-SDI</b>	MCX connector
	<b>Analog CVBS</b>	CVBS output through BNC
<b>Electricity</b>	<b>Power Consumption</b>	DC12V / 490mA
<b>Mechanical</b>	<b>Dimension / Weight</b>	70( Ø ) x 110(D) mm / 500g
<b>Environment</b>	<b>Operation Temperature</b>	-30°C ~ 70°C

## OSD Feature

1.LENS	DC	INDOOR / OUTDOOR		
VIDEO	MANUAL			
2.EXPOSURE	SHUTTER	Auto / (1/2~1/30) / FLK / (1/30~1/50000)		
	AGC	Low / Middle / High		
	SENS-UP	Off / Auto		
	BRIGHTNESS	1-100		
	ACCE	Off / Low / Middle / High		
	DEFOG	Off / Low / Middle / High		
		ON		
		BLC	GAIN	Low / Middle / High
			AREA	POSITION
			SIZE	
BACKLIGHT		DEFAULT		
		SELECT	AREA1 / AREA2 / AREA3 / AREA4	
		DISPLAY	ON / OFF	
		LEVEL	0-100	
		MODE	DAY / NIGHT	
		BLACK MASK	ON / OFF	
	DEFAULT			
3.WHITE BAL	ATW	Blue(0-100)		
	MANUAL	Red(0-100)		
	INDOOR			
	OUTDOOR			
	AWC -- SET			
4.DAY/NIGHT	AUTO	DELAY	0-60(sec)	
		D - N(AGC)	0-100	
		N - D(AGC)	0-100	
	COLOR	BURST	ON / OFF	
		IR SMART	LEVEL(0-15)	
		AREA		
		IR LED	ON / OFF	
		IR PWM	0-100	
	EXT			
5.NR	2DNR	ON / OFF		
	3DNR	ON	S-LEVEL(0-100)	
		OFF	E-LEVEL(0-100)	
	LEVEL	0-100		
	SMART NR			
6.SPECIAL	CAM TITLE	ON / OFF		
D-EFFECT	FREEZE	ON / OFF		
	MIRROR	OFF / MIRROR / V-FLIP / ROTATE		
		ON	PIP	ON / OFF
	D-ZOOM	D-ZOOM	x2 - x64	
		SMARTILT		
		DEFAULT		
		NEG IMAGE	ON / OFF	
	MOTION	ON	SELECT	AREA1 / AREA2 / AREA3
			DISPLAY	ON / OFF
			SENSITIVITY	0-60
			MOTION VIEW	ON / OFF
		DEFAULT		
	OFF			
PRIVACY	ON	SELECT	AREA1 - AREA8	
		DISPLAY	ON / OFF	
		COLOR	1-16	
	DEFAULT			
	OFF			
LANGUAGE	ENG / JPN / CHN1 / CHN2			
DEFECT	LEVEL DEC	ON / OFF / AUTO		
	LEVEL	0-60		
	STATIC DPC	ON / OFF		
	START	0-60		
	LEVEL	0-60		
	SENS-UP	x2 - x30		
	CAM ID	0-255		
RS485	ID DISPLAY	ON / OFF		
	BAUDRATE			
	VERSION			
7.AJUST	SHARPNESS	SHARPNESS	ON / OFF	
		LEVEL	0-100	
		RESOLUTION	ON / OFF	
		LCD	GAMMA	AUTO
				USER1
				USER2
				0.45 - 1.20
			BLUE GAIN(0-100)	
			RED GAIN(0-100)	
			BLACK LEVEL	
MONITOR	CRT	BLUE GAIN(0-100)		
		RED GAIN(0-100)		
		OSD	TEXT COLOR	1-8
		LSC	OUTLINE	ON / OFF
		NTSC / PAL	ON / OFF	

# 1080P HD Camera / 40M IR



**KD-7871V**



**External OSD Cable**

- 2M SONY CMOS Sensor
- ACCE ( D-WDR)
- Support 2DNR / 3DNR / Smart NR
- OSD function control
- DPC (Dead Pixel Correction)
- HLC (High Light Compensation)
- HD-SDI output and analog CVBS output
- Support HD-SDI (1920x1080@30P/ 1280X720@60P)
- 8 Privacy zone (Each zone size can be modified)
- Digital Zoom (x64) & PIP(Full/Zoom Image)
- Flicker Suppression
- Low Shutter Control
- Motion Detection
- DEFOG



Specifications		
<b>Image Device</b>	<b>Image Sensor</b>	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	<b>Resolution</b>	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
<b>Lens</b>	<b>Mount</b>	2Mega-pixel 3.3-12mm Vari-focal Auto Iris ICR Lens
	<b>View Angle</b>	125°~35°
<b>Illumination</b>	<b>Sensitivity</b>	Color mode automatic switches to B/W mode under 2 Lux
<b>IR LED</b>	<b>Infrared Ray LED</b>	60 pcs IR LED / 50 IR distance
<b>Functions</b>	<b>AGC</b>	Low / Middle / High
	<b>Shutter</b>	1/25(30)~1/50000
	<b>Sens-Up</b>	x2~x30
	<b>Min Illuminance</b>	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	<b>White Balance</b>	ATW / Manual / INDOOR / OUTDOOR / AWC→ SET
	<b>Backlight Compensation</b>	BLC / HSBLC / Off
	<b>D-WDR</b>	Low / Middle / High (ACCE) / Off
	<b>2D/3D-NR</b>	2DNR / 3DNR / SMART NR
	<b>Adjust</b>	SHARPNESS / MONITOR / LSC / NTSC/PAL
	<b>Privacy zone</b>	On / Off (8 Zone Selectable)
	<b>Digital Zoom / PIP</b>	On / Off(x2 ~ x64)
	<b>Day &amp; Night</b>	Color / B&W / Auto / EXT@IR-Smart control
<b>Video Output</b>	<b>HD-SDI</b>	MCX connector
	<b>Analog CVBS</b>	CVBS output through BNC
<b>Electricity</b>	<b>Power Consumption</b>	DC12V / 390mA
<b>Mechanical</b>	<b>Dimension / Weight</b>	88( Ø ) x 123(D) mm / 870g
<b>Environment</b>	<b>Operation Temperature</b>	-30°C ~ 70°C

## OSD Feature

1.LENS	DC VIDEO MANUAL	INDOOR / OUTDOOR		
2.EXPOSURE	SHUTTER	Auto / (x2~x30) / FLK / (1/30~1/50000)		
	AGC	Low / Middle / High		
	SENS-UP	Off / Auto		
	BRIGHTNESS	1-100		
	ACCE	Off / Low / Middle / High		
	DEFOG	Off / Low / Middle / High		
	BACKLIGHT	BLC	GAIN	Low / Middle / High
			AREA	POSITION SIZE
			DEFAULT	
			SELECT	AREA1 / AREA2 / AREA3 / AREA4
HSBLC		DISPLAY	ON / OFF	
		LEVEL	0-100	
		MODE	DAY / NIGHT	
		BLACK MASK	ON / OFF	
DEFAULT				
3.WHITE BAL	ATW MANUAL	Blue(0-100) Red(0-100)		
4.DAY&NIGHT	AUTO	DELAY	0-60(sec)	
	COLOR	D~ N(AGC)	0-100	
		N~ D(AGC)	0-100	
	B/W	BURST	ON / OFF	
		IR SMART	LEVEL(0-15)	
		AREA		
EXT	IR LED	ON / OFF		
	IR PWM	0-100		
5.NR	2DNR	ON / OFF		
	3DNR	ON	S-LEVEL(0-100)	
		OFF	E-LEVEL(0-100)	
	LEVEL	0-100		
6.SPECIAL	SMART NR			
	CAM TITLE	ON / OFF		

D-EFFECT	FREEZE	ON / OFF	
	MIRROR	OFF / MIRROR / V-FLIP / ROTATE	
	D-ZOOM	ON	PIP ON / OFF
		D-ZOOM	x2 - x64
		PAN&TILT	DEFAULT
	NEG IMAGE	ON / OFF	
	MOTION	ON	SELECT AREA1 / AREA2 / AREA3
			DISPLAY ON / OFF
			SENSITIVITY 0-60
			MOTION VIEW ON / OFF
OFF	DEFAULT		
PRIVACY	ON	SELECT AREA1 - AREA8	
		DISPLAY ON / OFF	
		COLOR 1-16	
OFF	DEFAULT		
LANGUAGE	ENG / JPN / CHN1 / CHN2		
DEFECT	LIVE DPC	ON / OFF / AUTO	
	LEVEL	0-60	
	STATIC DPC	ON / OFF	
	START		
RS485	LEVEL	0-60	
	SENS-UP	x2 - x30	
	CAM ID	0-255	
	ID DISPLAY	ON / OFF	
7.ADJUST	BAUDRATE		
	VERSION		
	SHARPNESS	SHARPNESS	ON / OFF
		LEVEL	0-100
	MONITOR	RESOLUTION	ON / OFF
		LCD	GAMMA
			AUTO
			USER1
			USER2
			0.45 - 1.00
		BLUE GAIN(0-100)	
		RED GAIN(0-100)	
		BLACK LEVEL	
		BLUE GAIN(0-100)	
		RED GAIN(0-100)	
		TEXT COLOR 1-8	
		OUTLINE ON / OFF	
		ON / OFF	
8.RESET	NTSC / PAL		



**KD-8771**

- 2M SONY CMOS Sensor
- ACCE (D-WDR)
- Support 2DNR / 3DNR / Smart NR
- OSD function control
- DPC (Dead Pixel Correction)
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- Low Shutter Control
- Motion Detection
- DEFOG



Specifications		
Image Device	Image Sensor	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	Resolution	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
Lens	Mount	C/CS mount
	Lens control	DC / Auto iris
Functions	AGC	Low / Middle / High
	Shutter	1/25(30)~1/50000
	Sens-Up	x2~x30
	Min Illuminance	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	White Balance	ATW / Manual / INDOOR / OUTDOOR / AWC→ SET
	Backlight Compensation	BLC / HSBLC / Off
	D-WDR	Low / Middle / High (ACCE) / Off
	2D/3D-NR	2DNR / 3DNR / SMART NR
	Adjust	SHARPNESS / MONITOR / LSC / NTSC/PAL
	Privacy zone	On / Off (8 Zone Selectable)
	Digital Zoom / PIP	On / Off(x2 ~ x64)
Video Output	Day & Night	Color / B&W / Auto / EXT@IR-Smart control
	OSD	English/Japanese / Traditional /Simplified
	Others	Motion detection , Image Flip & Mirror
Video Output	HD-SDI	MCX connector
	Analog CVBS	CVBS output through BNC
Electricity	Power Consumption	DC12V / 300mA
Mechanical	Dimension	121.6 (D) x 63 (W) x 54 (H) mm
	Weight	250g (DC) / 360g (AC)
Environment	Operation Temperature	-30°C ~ 70°C

## OSD Feature

1.LENS	DC	INDOOR / OUTDOOR			
VIDEO	MANUAL				
2.EXPOSURE	SHUTTER	Auto / (1/2~1/30) / FLK / (1/30~1/50000)			
	AGC	Low / Middle / High			
	SENS-UP	Off / Auto			
	BRIGHTNESS	1-100			
	ACCE	Off / Low / Middle / High			
	DEFOG	Off / Low / Middle / High			
	BACKLIGHT	BLC	GAIN	Low / Middle / High	
			AREA	POSITION / SIZE	
			DEFAULT		
		HSBLC	SELECT	AREA1 / AREA2 / AREA3 / AREA4	
			DISPLAY	ON / OFF	
LEVEL			0-100		
MODE	DAY / NIGHT				
	BLACK MASK	ON / OFF			
DEFAULT					
3.WHITE BAL	ATW	Blue(0-100)			
	MANUAL	Red(0-100)			
	INDOOR				
	OUTDOOR				
	AWC → SET				
4.DAY/NIGHT	AUTO	DELAY	0-60(sec)		
		D - N(AGC)	0-100		
		N - D(AGC)	0-100		
	COLOR	BURST	ON / OFF		
		IR SMART	LEVEL(0-15)		
		AREA			
B/W	IR LED	ON / OFF			
	IR PWM	0-100			
EXT					
5.NR	2DNR	ON / OFF			
	3DNR	ON	S-LEVEL(0-100)		
		OFF	E-LEVEL(0-100)		
	LEVEL	0-100			
6.SPECIAL	SMART NR				
	CAM TITLE	ON / OFF			
7.EFFECT	FREEZE	ON / OFF			
	MIRROR	OFF / MIRROR / V-FLIP / ROTATE			
D-ZOOM	ON	PIP	ON / OFF		
		D-ZOOM	x2 - x64		
		PARALLAX	DEFAULT		
		NEG IMAGE	ON / OFF		
		SELECT	AREA1 / AREA2 / AREA3		
MOTION	ON	DISPLAY	ON / OFF		
		SENSITIVITY	0-99		
		MOTION VIEW	ON / OFF		
DEFAULT					
OFF	SELECT	AREA1 - AREA8			
PRIVACY	ON	DISPLAY	ON / OFF		
		COLOR	1-16		
		DEFAULT			
OFF					
LANGUAGE	ENG / JPN / CHN1 / CHN2				
DETECT	LEVEL DEC	ON / OFF / AUTO			
	LEVEL	0-99			
	STATIC DPC	ON / OFF			
	START	LEVEL			
		0-99			
		x2 - x30			
		0-255			
RS485	CAM ID	ON / OFF			
	ID DISPLAY				
	BAUDRATE	VERSION			
		SHARPNESS			
7.AJUST	SHARPNESS	LEVEL	ON / OFF		
		RESOLUTION	0-100		
		ON / OFF			
MONITOR	LCD	GAMMA	AUTO		
			USER1		
			USER2		
			0.45 - 1.20		
			BLUE GAIN(0-100)		
			RED GAIN(0-100)		
			BLACK LEVEL		
			BLUE GAIN(0-100)		
			RED GAIN(0-100)		
			TEXT COLOR 1-8		
		OUTLINE ON / OFF			
		ON / OFF			
		LSC			
		NTSC / PAL			
8.RESET					