

## REFIA-D OSD MANUAL

MAIN MENU	SUB MENU1	SUB MENU2	SUB MENU3	VALUE	
LENS	MANUAL	BRIGHTNESS	—	1~100	
	DC	BRIGHTNESS	—	1~100	
		IRIS SPEED	—	1~5	
EXPOSURE	SHUTTER	AUTO	—	—	
		AUTO (LENS : 'DC')	SHUT. MIN	1/60 (1/50)	
			SHUT. MAX	FLK, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/20000, 1/50000, 1/100000	
		FLK	—	—	
	MANUAL	LEVEL	x256, x128, x64, x32, x24, x16, x14, x12, x10, x8, x6, x4, x2, 1/60(1/50), FLK, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/20000, 1/50000, 1/100000		
	1/60 (1/50)	—	—		
	AGC	—	—	LOW, MIDDLE, HIGH	
SENSUP	OFF	—	—	—	
	AUTO	SENSUP	x2, x4, x6, x8, x10, x12, x14, x16, x24, x32, x64, x128, x256 (SHUTTER: 'AUTO')		
BACKLIGHT	OFF	—	—	—	
	DWDR	LOW LEVEL	—	0~15	
		HIGH LEVEL	—	0~15	
	BLC	VALUE	—	LOW, MIDDLE, HIGH	
		AREA	SINGLE	POSITION, SIZE	
			DOUBLE	POSITION, SIZE	
	DEFAULT	—	—		
	HSBLC	GAIN	—	0~100	
MODE		—	ALL DAY, NIGHT ONLY		
MASK LEVEL		—	0~100		
DEFAULT		—	—		
M. SKIP AREA	—	—	POSITION, SIZE		
WHITE BALANCE	ATW	—	—	—	
	AWB	—	—	—	
	AWC→SET	—	—	—	
	MANUAL	BLUE	—	0~100	
DAY & NIGHT	AUTO	RED	—	0~100	
		DELAY	—	0~15	
		D→N (AGC)	—	16~255	
	N→D (AGC)	—	0~239		
	EXT	DELAY	—	0~15	
	B/W	BURST	—	—	OFF, ON
			—	—	—
		IR SMART	OFF	—	—
			VALUE	—	0~100
	AREA	—	—	POSITION, SIZE	
IR DWDR	—	—	OFF, 1~15		
IR LED	—	—	OFF, ON		
COLOR	—	—	—		
SMART 3DNR	OFF	—	—	—	
	ON	VALUE	—	1~200	
		SMART NR	OFF	—	—
			SMART LEVEL	—	1~200
SENSITIVITY	—	—	0~100		
F-DNR	OFF	—	—	—	
	MANUAL	LEVEL	—	0~31	
		COLOR GAIN	—	0~10	
		EDGE GAIN	—	0~10	
		GAMMA	—	USER, 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	
AUTO	DETECT LEVEL	—	0~5		

MAIN MENU	SUB MENU1	SUB MENU2	SUB MENU3	VALUE	
FUNCTION	MOTION	OFF	—	—	
		ON	AREA	1~4	
			AREA DISPLAY	OFF, POSION, SIZE	
			VALUE	0~100	
	PRIVACY	OFF	—	—	
		ON	AREA	1~8	
			AREA DISPLAY	OFF, TOP LEFT/RIGHT, BTM LEFT/RIGHT, POSITION	
			COLOR	0~15	
	D-EFFECT	D-ZOOM	OFF	—	
			RANGE	x1.1, x1.2, x1.3, x1.4, x1.5, x1.6, x1.7, x1.8, x1.9, x2.0, x2.1, x2.2, x2.3, x2.4, x2.5, x2.6, x2.7, x2.8, x2.9, x3.0, x3.1, x3.2, x3.3, x3.4, x3.5, x3.6, x3.7, x3.8, x3.9, x4.0, x4.5, x5.0, x5.5, x6.0, x6.5, x7.0, x7.5, x8.0, x9.0, x10.0, x11.0, x12.0, x13.0, x14.0, x15.0, x16.0, x18.0, x20.0, x22.0, x24.0, x26.0, x28.0, x30.0, x32.0	
			PAN	-100~100	
		TILT	-100~100		
		SMART DZOOM	OFF	—	
			RANGE	x2.0, x2.1, x2.2, x2.3, x2.4, x2.5, x2.6, x2.7, x2.8, x2.9, x3.0, x3.1, x3.2, x3.3, x3.4, x3.5, x3.6, x3.7, x3.8, x3.9, x4.0, x4.5, x5.0	
			POSITION	—	
			SENSITIVITY	0~100	
		TIME	0~15		
		DIS	—	OFF, ON	
		FREEZE	—	OFF, ON	
		MIRROR	—	OFF, MIRROR, V-FLIP, ROTATE	
		NEG. IMAGE	—	OFF, ON	
		IMAGE ADJ	SHARPNESS	—	0~31
	MONITOR (CRT)		PED LEVEL	0~63	
			COLOR GAIN	0~255	
	MONITOR (LCD)		GAMMA	USER, 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	
			PED LEVEL	0~63	
			COLOR GAIN	0~255	
	LENS SHADING		OFF	—	
			LEVEL	0~60	
			H-CENTER	0~255	
	V-CENTER		0~255		
	DEFECT		SENSUP	x4, x8, x16, x32, x64, x128	
		DIEF	0~3		
		THRESHOLD	1~4		
	START	—			
	COMM ADJ	CAM TITLE	OFF	—	
			ON	0~9, A~Z, Special Character	
		PROTOCOL	—	PELCO-D, PELCO-P, SPD-S, DONGYANG, NICP	
		RS485	CAM ID	1~255	
	BAUDRATE		2400, 4800, 9600, 19200, 38400, 57600		
	SYNC	INT	—	—	
	LANGUAGE	—	—	English, Korean, Japanese, Chinese, Russian, French, Spanish, Italian, Portuguese, Dutch, German, Polish, Turkish, Hebrew, Arabic	
	EXIT	SAVE	—	—	Save settings and exit the main menu
		RESET	—	—	factory settings and exit the main menu
		CANCEL	—	—	Exit the main menu
	RETURN	RET	—	—	Return to previous menu
		SAVE&END	—	—	Save settings and exit the main menu