

# Camera Menus

DINION 4000 AN



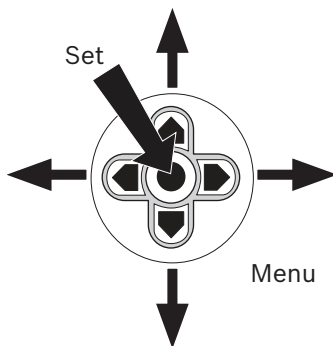
**BOSCH**


**en** Quick Operation Guide



# 1 Setup menu

Press the center button of the control pad to access the **SETUP** menu.



- Press the up or down buttons to move the cursor through the menus.
- Press the right or left buttons to change values.
- When the symbol  is shown, press the center button to select an item or open a submenu.


Navigation items at the bottom of the screen

- To move to the continuation of a menu, select **NEXT**.
- To return to the previous menu, select **BACK** or **RETURN**.
- To save changes, select **SAVE ALL**.
- To close the **SETUP** menu, select **EXIT**.

## 1.1 Main menu

LENS	Iris setting
SHUTTER/AGC	Auto and manual exposure control
WHITE BAL	White balance setting
BACKLIGHT	Backlight compensation setting
PICT ADJUST	Image adjustment setting
DYN	Dynamic range setting
MOTION DET	Video motion detection setting
PRIVACY	Privacy masking setting
DAY/NIGHT	Day/Night setting
DNR	Digital noise reduction
CAMERA ID	Camera identification
SYNC	Synchronization mode setting
LANGUAGE	Language setting
CAMERA RESET	Restores all factory default values
SAVE ALL	Saves all settings

### 1.1.1 Lens menu

LENS	MANUAL		
	AUTO	TYPE	DC
		MODE	OPEN, CLOSE, AUTO
		SPEED	0 - 255
		RETURN	

## 1.1.2 Shutter/AGC (Automatic Gain Control) menu

SHUTTER/AGC	AUTO	HIGH LUMINANCE	
		MODE	SHUT+AUTO IRIS, AUTO IRIS
		BRIGHTNESS	0 - 255
		RETURN	⏪
		LOW LUMINANCE	
		MODE	AGC, OFF
		BRIGHTNESS	x0.25, x0.5, x0.75, x1.0
		RETURN	⏪
	MANUAL	MODE	SHUT+AGC
		SHUTTER	1/60, 1/120, 1/250, 1/500, 1/1000, /2000, 1/4000, 1/10000 (NTSC) 1/50, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 (PAL)
		AGC	6, 12, 18, 24, 30, 36, 42, 44.8
		RETURN	⏪

### 1.1.3 White balance menu

WHITE BAL	ATW	SPEED	0 - 255
		DELAY CNT	0 - 255
		ATW FRAME	x0.5, x1.0, x1.5, x2.0
		ENVIRONMENT	INDOOR, OUTDOOR
		RETURN	↩
	PUSH		
	USER1	B-GAIN	0 - 255
		R-GAIN	0 - 255
		RETURN	↩
	USER2	B-GAIN	0 - 255
		R-GAIN	0 - 255
		RETURN	↩
	ANTI CR		
	MANUAL	LEVEL	0 - 255
		RETURN	↩
	PUSH LOCK		

- ATW (Auto Tracking White balance) and PUSH (Full pull-in: 1,800 K to 10,500 K) continuously analyze color temperature.
- Use ANTI CR (Anti Color Rolling) when certain types of fluorescent light cause the picture to periodically change color.
- Use PUSH LOCK with a reference white object filling the screen.

### 1.1.4 Backlight menu

BACKLIGHT	OFF		
	BLC		
	HLC		

- Use BLC (Back Light Compensation) to see a dark object in front of a bright background.
- Use HLC (High Light Compensation) to darken highlights and avoid image wash-out (for example, car headlights).

### 1.1.5 Picture adjust menu


PICT ADJUST	MIRROR	ON, OFF
	BRIGHTNESS	0 - 255
	CONTRAST	0 - 255
	SHARPNESS	0 - 255
	HUE	0 - 255
	GAIN	0- 255
	RETURN	↩

### 1.1.6 Dynamic range setting menu

DYN	OFF		
	ON	LUMINANCE	LOW, MID, HIGH
		CONTRAST	LOW, MIDLOW, MID, MIDHIGH, HIGH
		RETURN	↩


- Use DYN (Dynamic range setting) to improve dynamic range by highlight compression and contrast enhancement.

### 1.1.7 Motion detection menu

MOTION DET	OFF		
	ON	DETECT SENSE	0 - 127
		BLOCK DISP	OFF, ON, ENABLE
		MONITOR AREA	OFF, ON
		AREA SEL	1 - 4
		TOP	0 - 244 (NTSC), 288 (PAL)
		BOTTOM	0 - 244 (NTSC), 288 (PAL)
		LEFT	0 - 474 (NTSC), 468 (PAL)
		RIGHT	0 - 474 (NTSC), 468 (PAL)
		RETURN	

- The ENABLE function sets the regions/blocks where motion detection does not work.
- To exit the BLOCK DISP ENABLE function, press straight down on the set button for a longer time.

### 1.1.8 Privacy masking menu

PRIVACY	OFF		
	ON	AREA SEL	1 - 8
		TOP	0 - 244 (NTSC), 288 (PAL)
		BOTTOM	0 - 244 (NTSC), 288 (PAL)
		LEFT	0 - 474 (NTSC), 468 (PAL)
		RIGHT	0 - 474 (NTSC), 468 (PAL)
		COLOR	1 - 8
		TRANSP	0.00, 0.50, 0.75, 1.00
		MOSAIC	OFF, ON
		RETURN	

- Only 4 areas are available if MONITOR AREA of motion detection is on.



### Area selection for motion or privacy masks

Select area 1, 2, 3 or 4 (8).

- **Top:** extend or reduce upper limit of the detection area.
- **Bottom:** extend or reduce bottom limit of the detection area.
- **Left:** extend or reduce left limit of the detection area.
- **Right:** extend or reduce right limit of the detection area.



### 1.1.9 Day/night menu

DAY/NIGHT	AUTO	BURST	OFF, ON
		DELAY CNT	0 - 255
		DAY->NIGHT	0 - 255
		NIGHT->DAY	0 - 255
		RETURN	↩
	COLOR		
	B/W	BURST	OFF, ON
	EXT	OFF, EXT1, EXT2	
	RETURN	↩	

- When EXT is on the IR cut-off filter is switched by an external input.
- With EXT1 the camera switches to night mode when alarm-in is high; with EXT2 the camera switches to night mode when alarm-in is low.
- The output relay closes when the camera switches to NIGHT mode.

### 1.1.10 Digital noise reduction menu

DNR	DNR MODE	OFF, Y, C, Y/C
	Y LEVEL	0 - 15
	C LEVEL	0 - 15
	RETURN	⏴

### 1.1.11 Camera identification menu

CAMERA ID	OFF		
	ON	ABCDEFGHIJKLMNOPQRSTU WXYZ0123456789- !"#%&' ()_.,:;<=>?@\^*.+/ - CHR1 CHR2 ←→↑↓ CLR POS ⏴⏵ RETURN ⏴	
	RETURN	⏴	

When ON is selected, a virtual keyboard appears on the screen. Use the control pad to move to the character you want and select it. Repeat this to enter the camera ID you desire. You can enter up to 52 characters.

### 1.1.12 Synchronization menu

SYNC.	INT		
	LL	PHASE	0 - 524 (624)
		RETURN	⏴

Line-Lock (LL) is only available for cameras with a VAC power supply.

### 1.1.13 Language menu

LANGUAGE	ENGLISH, JAPANESE, GERMAN, FRENCH, RUSSIAN, PORTUGUESE, SPANISH, SIMPLIFIED CHINESE
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