

CBP6324DN CVP9324DN

Colour Mono Dome Camera

USER MANUAL



CAUTION

1. This installation should be made by a qualified service person and should abide to all local codes.
2. Avoid installation on a surface subjected to frequent vibration or shocks.
3. Do not operate the camera beyond its temperature range or power source ratings.
4. Should any damage or suspected damage occur, shutdown the power source, unplug and contact your service provider.
5. Do not install the camera under unstable lighting conditions. Severe lighting change or flicker can cause the camera to work improperly.
6. Never use the camera close to a gas or oil leak.
7. Do not disassemble the camera.
8. Never keep the camera face to strong light directly, this can damage the CCD.
9. Ensure all removable covers are replaced to protect the inner components.
10. Do not install near devices which emit a strong electro-magnetic field.
11. Use a dry or damp cloth only for cleaning.
12. Internal dome only - Do not drop the camera or subject the unit to physical shocks.

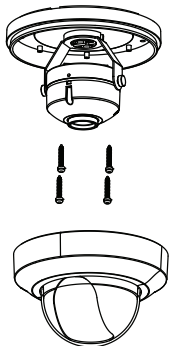
PLEASE FOLLOW THE ABOVE CAUTIONS – FAILURE TO DO SO MAY INVALIDATE THE WARRANTY OR CAUSE SERIOUS INJURY.

Remark: Changes or modifications not expressly approved by the manufacturer can cause the camera to be damaged and become inoperable. This may invalidate the user warranty.

CBP6324DN FIXING TO A WALL



Ceiling



Important: Ensure all cautionary procedures are observed during installation.

It is recommended the camera is tested during the most demanding environmental conditions such as low light or bright sunlight to ensure continuity of effective CCTV monitoring.

- Remove the camera unit carefully from the box reserving the accessory contents in a safe place
- Use the supplied mounting template to mark the space for drilling
- Remove the dome cover using a suitable coin or screwdriver
- Using the supplied fitting screws, securely attach the camera to the drilled surface
- Adjust the tri-axis gimbal zoom/focus to give the required image of the area to be monitored.
- Replace the dome cover by pushing firmly in place onto the base
- Carefully clean the dome surface with a soft lint free cloth

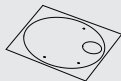
CBP6324DN PACKING CONTENTS



Wall Plugs
X4



Fitting Screws
X4



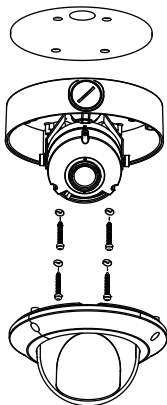
Mounting Template
X1

CVP9324DN

FIXING TO A WALL



Ceiling



Important: Ensure all cautionary procedures are observed during installation.

It is recommended the camera is tested during the most demanding environmental conditions such as low light or bright sunlight to ensure continuity of effective CCTV monitoring.

- Remove the camera unit carefully from the box reserving the accessory contents in a safe place
- Use the supplied mounting template to mark the space for drilling
- Remove the dome cover using the supplied dome cover screwdriver
- Attach the weatherproof sealing pad to the base of the dome with the sticky side against the camera
- Using the supplied fitting screws, securely attach the camera to the drilled surface
Please note: To ensure correct weatherproof you must use the enclosed fitting screws and weatherproof washers
- Adjust the tri-axis gimbal zoom/focus to give the required image of the area to be monitored.
- Replace the dome cover and tighten the dome cover screws using the supplied dome cover screw driver
- Carefully clean the dome surface with a soft lint free cloth

CVP9324DN

PACKING CONTENTS



Wall Plugs

X4



Conduit hole cover opener

X1



Fitting Screws

X4



Dome cover screwdriver

X1



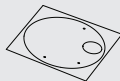
Weatherproof sealing pad

X1



Weatherproof sealing washers

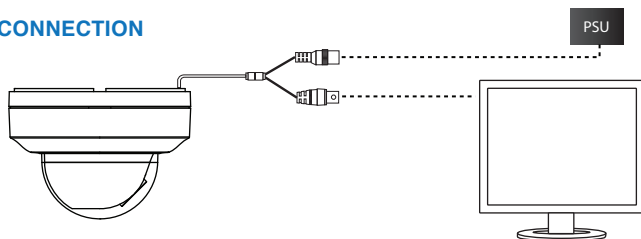
X8



Mounting Template

X1

CONNECTION

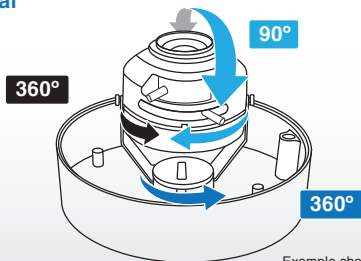


- Connect the video out port to your video cable running to the monitor / recorder
- Check the power supply is of the correct level and connect your power supply into the power port on the Camera.
- View the picture on a monitoring device to check the power and video connection is working properly.

Troubleshooting

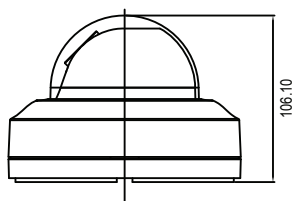
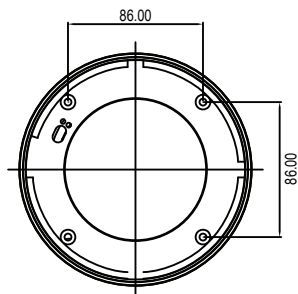
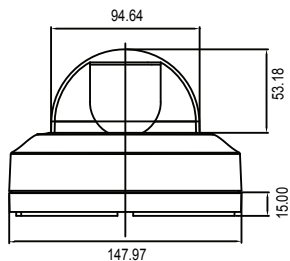
- Ensure all power and cable connections are correct with the Camera and DVR.
- If all power and cable connections are correct and the camera picture can not be produced then contact your supplier for technical support.

Tri-Axis Gimbal

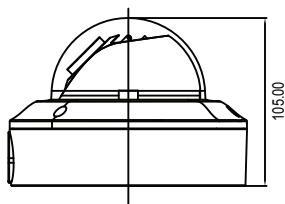
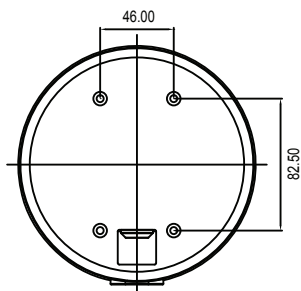
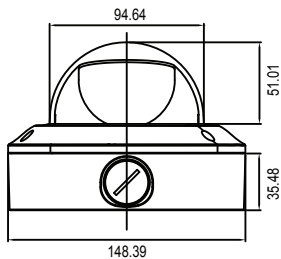


Example shows vandal resistant dome casing

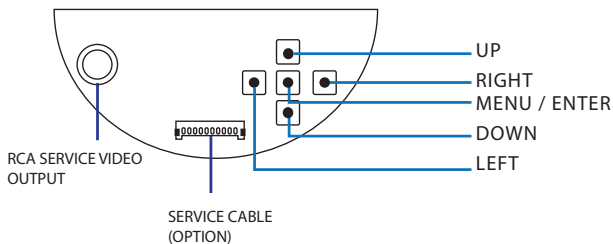
CBP6324DN



CVP6324DN



OSD Controller



LANGUAGE

SETUP MENU

LANGUAGE ENGLISH
LENS AUTO
SHUTTER/AGC AUTO
WHITE BAL ATW
DAY/NIGHT AUTO
PICT ADJUST
NR

NEXT
EXIT SAVE ALL

ENGLISH / SPANISH / PORTUGUESE /
FRENCH / GERMAN / CHINESE /
JAPANESE / RUSSIAN

LENS

SETUP MENU

LANGUAGE ENGLISH
LENS AUTO
SHUTTER/AGC AUTO
WHITE BAL ATW
DAY/NIGHT AUTO
PICT ADJUST
NR

NEXT
EXIT SAVE ALL

MANUAL

AUTO	TYPE	DC
	MODE	AUTO, OPEN, CLOSE
	SPEED	0~255

SHUTTER / AGC

SETUP MENU

LANGUAGE ENGLISH
LENS AUTO
SHUTTER/AGC AUTO
WHITE BAL ATW
DAY/NIGHT AUTO
PICT ADJUST
NR

NEXT
EXIT SAVE ALL

AUTO	HIGH LUMINANCE	
	MODE	SHUT+AUTO IRIS, AUTO IRIS
	BRIGHTNESS	0~255
	LOW LUMINANCE	
MANUAL	MODE	AGC, OFF
	BRIGHTNESS	0.25~1.00
	MODE	SHUT+AGC
	SHUTTER	1/50~1/10000
	AGC	6.00~44.80

WHITE BALANCE

SETUP MENU

LANGUAGE ENGLISH
LENS AUTO
SHUTTER/AGC AUTO
WHITE BAL ATW
DAY/NIGHT AUTO
PICT ADJUST
NR

NEXT
EXIT SAVE ALL

ATW	SPEED	0~255
	DELAY CNT	0~255
	ATW FRAME	X0.50~X2.00
	ENVIRONMENT	INDOOR/OUTDOOR
PUSH LOCK		
MANUAL	LEVEL	0~255
ANTI CR		
USER 1	B-GAIN	0~255
	R-GAIN	0~255
USER 2	B-GAIN	0~255
	R-GAIN	0~255
PUSH		

DAY/NIGHT

DAY/NIGHT

BURST OFF
DELAY CNT 005
DAY~NIGHT 003
NIGHT~DAY 005

RETURN

AUTO	BURST	ON/OFF
	DELAY CNT	0~255
	DAY~NIGHT	0~255
	NIGHT~DAY	0~255
B/W	BURST	ON/OFF
COLOUR		

PICT ADJUST

SETUP MENU

LANGUAGE ENGLISH
LENS AUTO
SHUTTER/AGC AUTO
WHITE BAL ATW
PICT ADJUST
NR

NEXT
EXIT SAVE ALL

MIRROR	OFF/ON
BRIGHTNESS	0~255
CONTRACT	0~255
SHARPNESS	0~255
HUE	0~255
GRAIN	0~255

NR

SETUP MENU

LANGUAGE ENGLISH
LENS AUTOW
SHUTTER/AGC AUTOW
WHITE BAL ATW
PICT ADJUST
NR

NEXT
EXIT SAVE ALL

NR MODE	Y/C, C, Y, OFF
Y LEVEL	0~15
C LEVEL	0~15

BACKLIGHT

SETUP MENU

BACKLIGHT OFF
ATR OFF
PRIVACY OFF
MOTION DET OFF
CAMERA ID OFF
SYNC INT
CAMERA RESET

BACK
EXIT SAVE ALL

OFF/BLC/HLC

ATR

SETUP MENU

BACKLIGHT OFF
ATR OFF
PRIVACY OFF
MOTION DET OFF
CAMERA ID OFF
SYNC INT
CAMERA RESET

BACK
EXIT SAVE ALL

OFF

ON

LUMINANCE	LOW, MID, HIGH
CONTRAST	LOW, MIDLOW, MID, MIDHIGH, HIGH

PRIVACY

PRIVACY

AREA SEL 1/4
TOP
BOTTOM
LEFT
RIGHT
COLOR 1
TRANSP 1.00
MOSAIC OFF
RETURN

OFF

ON

AREA SEL	1~4
TOP	0~288
BOTTOM	0~288
LEFT	0~468
RIGHT	0~468
COLOUR	1~8
TRANSP	0.00~1.00
MOSIAC	OFF/ON

MOTION DETECTION

MOTION DET

```

DETECT SENSE 110
BLOCK DISP OFF
MONITOR AREA ON
AREA SEL 1/4
TOP 000
BOTTOM 000
LEFT 000
RIGHT 000
RETURN
    
```

OFF	
ON	DETECT SENSE 0~127
	BLOCK DISPLAY OFF/ON/ENABLE/ SELECT AREA
	MONITOR AREA OFF/ON
	AREA SELECT 1~4
	TOP 0~288
	BOTTOM 0~288
	LEFT 0~288
	RIGHT 0~288

CAMERA ID

CAMERA ID

CAMERA

```

@BCDEFGHIJKLMNOPQRSTU
VWXYZ0123456789-!@#%&'
()_~`.,;:;<=>?@V^*~x+/
CHR1 CHR2
+++ CLR POS
RETURN
    
```

OFF	
ON	OPENS VIRTUAL KEYBOARD

SAVE ALL

SETUP MENU

```

BACKLIGHT OFF
ATR OFF
PRIVACY OFF
MOTION DET OFF
CAMERA ID OFF
SYNC INT
CAMERA RESET
    
```

```

BACK
EXIT SAVE ALL
    
```

IMPORTANT - PLEASE NOTE:

When all configurations have been made select SAVE ALL at the bottom of the OSD before exiting

SPECIFICATION

MODEL	CBP6324DN
Image Sensor	1/3" Sony Sony ExView HAD CCD II
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines in Colour 700TV Lines in B&W
Min. illumination	0.03 Lux/F1.2 IRE40 (Colour) 0.003 Lux (B&W)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night With ICR
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSG LOCE
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	180mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148x106 (DxH)
Weight	650g

Design and specification are subject to change without notice.

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Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	Ture day and night With ICR
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSG LOCE
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	180mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148.35x105 (DxH)
Weight	950g

Design and specification are subject to change without notice.

CONCEPT PRO DOME CAMERA RANGE

INTERNAL DOME CAMERAS

CBP3212	480TVL, 0.3 Lux, 3.6mm Lens, 90(ø)x62mm
CBP5112	420TVL, 0.3 Lux, 3.6mm Lens, 128(ø)x93mm
CBP5212	480TVL, 0.3 Lux, 3.6mm Lens, 128(ø)x93mm
CBP4304	420TVL, 0.3 Lux, 4mm Lens, 148(ø)x106mm
CBP5314	650TVL, 0.03Lux, 4mm Lens, 148(ø)x106mm
CBP4324	420TVL, 0.3 Lux, 4-9mm Lens, 148(ø)x106mm
CBP6324	650TVL, 0.03Lux 2.8-10mm Lens, 148(ø)x106mm
CBP6324-B	650TVL, 0.03 Lux, 2.8-10mm Lens, 148(ø)x106mm, Black casing
CBP6324DN	650TVL, 0.03 Lux, 2.8-10mm, Day Night, 148(ø)x106mm
CBP6324WDR	690TVL, 0.01 Lux, 2.8-10mm Lens, Day Night, Wide Dynamic Range, 148(ø)x106mm

VANDAL RESISTANT DOME CAMERAS

CVP9304	420TVL, 0.3 Lux, 4mm Lens, 148.35(ø)x105mm
CVP9314	650TVL, 0.03Lux, 4mm Lens, 148.35(ø)x105mm
CVP9324	650TVL, 0.03Lux 2.8-10mm Lens, 148.35(ø)x105mm
CVP9324DN	650TVL, 0.03 Lux, 2.8-10mm, Day Night, 148.35(ø)x105mm
CVP9324LL	600TVL, 0.0002 Lux (DSS/Sens Up on) 2.8-10mm Lens, 148.35(ø)x105mm
CVP9324WDR	690TVL, 0.01 Lux, 2.8-10mm Lens, Day Night, Wide Dynamic Range, 148.35(ø)x105mm

INFRARED DOME RANGE

CBP6314DNIR	600TVL, 4mm Lens, IR LED, 148(ø)x106mm
CBP6324DNIR	650TVL, 2.8-10mm Lens, IR LED, ICR, 148(ø)x106mm
CVP9314DNIR	600TVL, 4mm Lens, IR LED, 148.35(ø)x105mm
CVP9324DNIR	650TVL, 2.8-10mm Lens, IR LED, ICR, 148.35(ø)x105mm

VANDAL RESISTANT WALL BRACKET

CVP-BRK	Wall bracket for use with all CVP dome cameras
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Concept Pro

