

CBP4304

CBP4324

CVP9304

Colour 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.

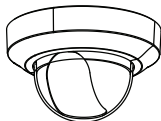
PLEASE FOLLOW THE ABOVE CAUTIONS – FAILURE TO DO SO MAY INVALIDATE THE WARRANTY OR CAUSE SERIOUS INJURY.

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.

CBP4304/4324 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

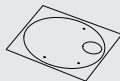
CBP4304 / 4324 PACKING CONTENTS



Wall Plugs
X4



Fitting Screws
X4



Mounting Template
X1

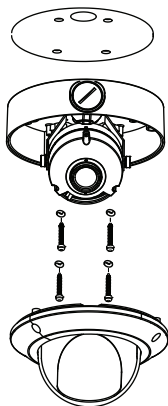
VANDAL RESISTANT DOME INSTALLATION

CVP9304

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

CVP9304

PACKING CONTENTS



Wall Plugs

X4



Conduit hole cover opener

X1



Fitting Screws

X4



Dome cover screwdriver

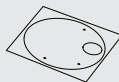
X1



Weatherproof sealing pad
X1

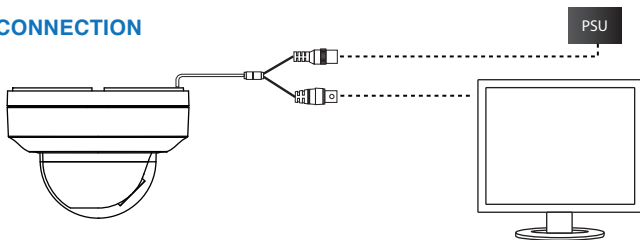


Weatherproof sealing washers
X8



Mounting Template
X1

CONNECTION

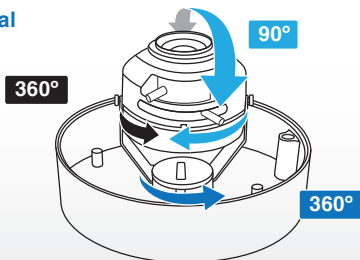


- Connect the video out port to your video cable running to the monitor / recorder
- Check the power supply is of the correct level and connect your power supply into the power port on the Camera.
- View the picture on a monitoring device to check the power and video connection is working properly.

Troubleshooting

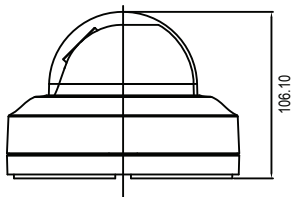
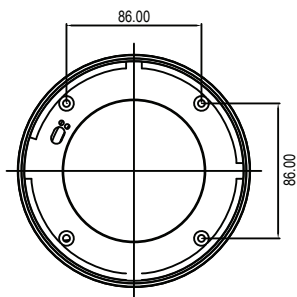
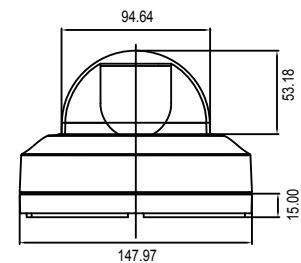
- Ensure all power and cable connections are correct with the Camera and DVR.
- If all power and cable connections are correct and the camera picture can not be produced then contact your supplier for technical support.

Tri-Axis Gimbal

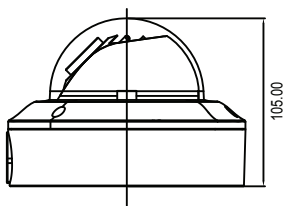
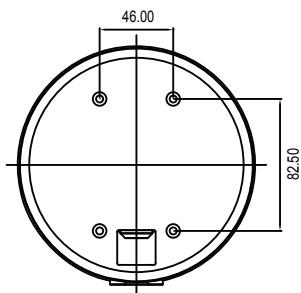
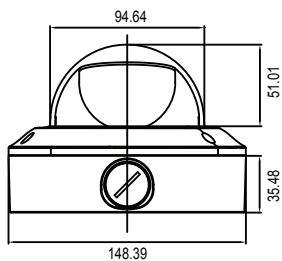


Example shows vandal resistant dome casing

CBP4304 / 4324



CVP9304



SPECIFICATION

| MODEL | CBP4304 | CBP4324 |
|-----------------------|--|--------------------------------------|
| Image Sensor | Sony Super HAD | |
| Effective Pixels | PAL: 500(H) x 582(V) ; NTSC: 510(H) x 494(V) | |
| Horizontal Resolution | 420TVL | |
| Min. Illumination | 0.3Lux/F1.2 | |
| Lens | Fixed Lens f=4mm | Auto Iris Vari-focal lens F=4-9mm |
| Day & Night | Colour Only | |
| S/N Ratio | more than 48dB | |
| White Balance | AUTO | |
| AGC | AUTO | |
| BLC | AUTO | |
| Sync System | Internal | |
| BNC Video Output | CVBS 1.0Vp-p / 75Ω | |
| Input Voltage | 12v DC | |
| Power Consumption | 120mA | |
| Operating Temperature | -10°C~ +50°C RH90% MAX | |
| Dimension | 148x106 (DxH) | |
| Weight | 650g | |

Design and specification are subject to change without notice.

SPECIFICATION

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| Min. Illumination | 0.3Lux/F1.2 |
| Lens | Fixed Lens f=4mm |
| Day & Night | Colour Only |
| S/N Ratio | more than 48dB |
| White Balance | AUTO |
| AGC | AUTO |
| BLC | AUTO |
| Sync System | Internal |
| BNC Video Output | CVBS 1.0Vp-p / 75Ω |
| Input Voltage | 12v DC |
| Power Consumption | 120mA |
| Operating 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 |
|----------------|--|

Concept Pro

