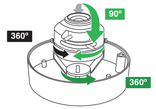
Concept Pro

CONNECTION

- Check the power supply is the correct rating and connect it to the power port on the camera.
- Connect the RJ45 connector to your network switch. If you are using a PoE (Power over Ethernet) switch, remove the power supply to the camera, it is not required.
- View the image on your monitoring device to check the power and video connections are working properly.
- A quick method would be to connect a BNC test Monitor to the SVO.

TRI-AXIS GIMBAL



Example shows vandal resistant dome casing

FINDING THE CAMERA'S IP ADDRESS

Use the steps below to find the camera's IP address and connect to the camera over the local area network (LAN) using NVMS, UPnP on Windows®7 or Bonjour in Mac OS®

1. Finding the camera IP using BNC Test Cable

When the BNC test cable is connected to the camera, the IP address is shown on the test monitor. The camera must be connected to power to use the BNC test cable.

NOTE: The default IP address of 192.168.0.120 is shown if the camera cannot obtain an IP address from the router. Check the Ethernet/power connections and router configuration.

2. Finding the camera's IP address Using NVMS

1. Install NVMS from the CD.
   Now Double-click the NVMS icon on the Desktop.

   The log in screen appears.

2. Under **User Name** and **Password**, enter the default NVMS user name (**admin**) and password (**admin**).

   Click **Login**

3. NVMS opens and scans the local network for connected cameras.

   Detected camera IP addresses on the LAN appear in the Device List on the left side of the screen with a icon.

2. Finding the camera's IP address Using NVMS continued

4. Click on a camera IP address in Device List to login.

5. Under **User Name**, enter the user name for the camera (default: **admin**)

   Under **Password**, enter the password for the camera (default: **admin**)

   Click **Continue.**

6. The camera appears under the camera IP address.

   Click and drag the camera to the display grid to open it.

Click and drag the camera to the display grid to open it

NOTE: For detailed instructions on using NVMS, see the NVMS manual on the CD.

3. Finding the Camera's IP Address using UPnP in Windows® 7.

NOTE: To use this method, your router must support UPnP and the camera and computer must be on the same network. UPnP is enabled in the camera by default, and can be enabled/disabled using NVMS (Check the NVMS manual for details).

1. Click **Start>Computer>Network.** The camera's IP address appears under Network Infrastructure.

2. Double-click the camera to open it in your default browser.

3. Under **User Name** and **Password**, enter the camera's User Name (default: **admin**) and Password (default: **admin**) and click **Login.**

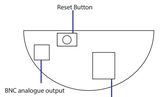
4. Finding the camera's IP address using Bonjour® in Mac OS®

NOTE: To use this method, the camera computer must be on the same network. Bonjour® is enabled by default, and can be enabled/disabled using NVMS (check the NVMS manual for details)

1. Open Safari® browser and click the Bookmarks button
2. Click **Bonjour**. The camera's IP address appears in the Monjour Devices list.
3.Double-click the camera to open it in Safari.

4. Under **User Name** and **Password**, enter the camera's User Name (default: **admin**) and Password (default: **admin**) and click **Login.**

SVO



*Please note: The Service Video Out is standard definition
This is an analogue Video Output only, used for setting up via a test monitor.

SPECIFICATION

	CBP6324DN-IP	CVP9324DN-IP
Sensor	Sony Exmor™ 1/2.8"	
Max Res./Max Frame Rate	1920 x 1080 / 30 fps	
Min. Illumination	0.1 Lux @ F.1 (Colour)	
Day/Night	True Day/Night with ICR Filter	
Lens	3.3 ~ 12mm Vari-focal	
Horizontal field of View	78.3° ~ 29.8°	
Video Output	Setup/Service BNC Video supported internal connector with dangle cable supplied	
Electronic Shutter	Auto/User 1/5 ~ 1/50,0000; 50/60Hz software selectable	
Compression	H-264 High Profile (Support Baseline Profile) / MJPEG	
Bit Rate (CBR/VBR)	Stream1 50Kbps ~ 12Mbps; Stream2 10Kbps ~ 6Mbps; Stream3 (MJPEG Fixed)	
Quality Setting (VBR)	1 ~ 9 (9 Highest)	
Multi-Streaming	Three simultaneous streams, two with H-264, one with MJPEG Stream	
Brightness/Sharpness	Variable 0 ~ 100 / 0 ~ 100	
Gain Control	Auto / Fixed 8 ~ 102db	
Orientation	Horizontal Mirror/ Vertical Flip	
Text Overlay	Time / Date / Camera / Custom OSD	
Masking	3 User defined masking areas <8% of total picture	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector	
TCP/IP	IPv4/IPv6 (DHCP / Fixed)	
Compliance	Onvif v22 (Profile S)	
RTSP Video	Standard RFC2326,Support Quicktime/VLC Player,User security authentication (Enabled/Disabled)	
Web Language	English, Chinese, Russian, Polish	
Recording Simultaneous	Local Micro SD Memory, Remote FTP server, TCP/UDP CMS, RTSP connection (stream 1,2 or 3)	
Network Protocols:	HTTP/TCP/IP/UDP/IP/RTSP/RTP/CHCP/NTP/PPoE,NTP, Unicast and Multicast supported.	
	Video streaming from SDK & NVMS/NVR software or 3rd party applications	
	User Ports setting for Web port, RTSP Port, and SDK Control Port and Alarm Port	
Audio Input/Output	Optional Microphone: Cable 1 x RCA Input / 1 x RCA Output @ 1v Line Level	
Audio Compression	G711 A-Law, G711 U-Law, RAW_PCM	
Power	12V DC / PoE	
Temperature	Operating: -10°C to 55°C, Storage: -20°C to 60°C	
Operating Humidity	10% to 85% RH	
Approvals	CE / FCC / RoHS Compliant / IP66 / IK6	
Product Dimensions	Φ130mm x H112mm	
Product Weight	900g / 1150g	

Design and specification are subject to change without notice.

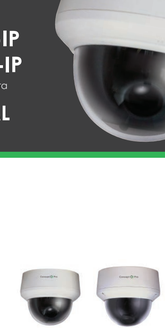
Concept Pro

CBP6324DN-IP
CVP9324DN-IP

Colour Mono Dome Camera

USER MANUAL

HD-iP



CAUTION

1. This installation should be made by a qualified service person and should comply with all local regulations.
2. Avoid installation on a surface subject to frequent vibration or shocks.
3. Do not operate the camera beyond its temperature range or power rating.
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 changes or flicker can cause the camera to work improperly.
6. Never use the camera close to a gas or oil leak.
7. Do not dismantle the camera.
8. Do not install the camera facing directly into strong light
9. Ensure all removable covers are replaced to protect the inner components.
10. Do not install near devices which emit a strong electromagnetic field.
11. Use a dry or damp cloth only for cleaning.
12. Internal CBP dome only - Do not drop the camera or subject the unit to physical shocks.

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

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.

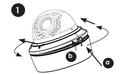
CBP6324DN-IP

PACKING CONTENTS

CVP9324DN-IP

PACKING CONTENTS

INTERNAL DOME INSTALLATION



Initial camera removal

1a) Press down on the tab marked with an arrow to lift up the dome cover slightly

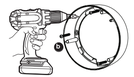
1b) While pressing on tab, twist the dome cover counter clockwise just a few degrees to release dome cover from back clips. Lift off the cover

Method 1 - Surface Mount

2a) Use included mounting template to mark and pre-drill the required holes. Use included 2.8" screws to mount the camera directly to the mounting surface.

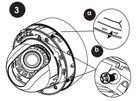
Skip next page to finalise installation.

OR



Method 2 - Surface Mount

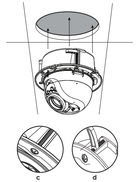
2b) Use the included mounting template to mark and pre-drill the required holes. Remove the camera base by unscrewing the base locking screws (indicated by padlock markings) and turn camera module approx. 5 degrees counterclockwise to detach camera base from the camera module. Install the base as indicated using the 1.2" screws.



3a) Reinsert camera module into camera base by aligning the arrow notches, and turning camera module clockwise to lock into place.

3b) Reinstall the base locking screws. (indicated by padlock markings)

Skip to next page.



Method 3 - Flush Mount

a) Cut semi flushing mounting hole into surface using proided Semi-Flush Mount Cut-out Template.

Note: Always cut using the inside line of the cutout. Make sure that the mounting arms are not extended.

c) Turn screwdriver clockwise to unlock all of the 3 mounting arms.

d) Continue turning clockwise to move mounting arms down until they make contact with inner mounting surface

Note: Once mounting arms have made contact with the inner mounting surface, do not apply too much pressure to avoid damaging surface.

VANDAL RESISTANT DOME INSTALLATION

All installation methods

Loosen the three tamper screws using the provided allen key. List the dome cover.
NOTE: If you plan to use conduit fitting, remove conduit cap using the provided conduit key.

Method 1 - Surface Mount

Use the included mounting template (installation option 2) to mark and pre-drill the required holes. Remove 2 of the 3 base locking screws. Use 2pc of the 2.8" screws to mount the camera directly to the mounting surface.

Remove the 3rd base locking screw and install the 3rd 2.8" screw.

Method 2 - Surface Mount

2b. Use the included mounting template (installation Option 1) to mark and pre-drill the required holes.

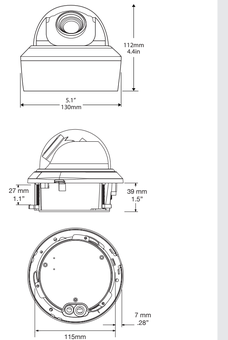
2c. Remove the camera base by unscrewing the 3 base locking screws, and turn camera module approx. 5 degrees counterclockwise to detatch camera base from the camera module.

2d. Install the base to the correct holes as indicated on the mount template using the 1.2" screws.

Go to step 3a to complete installation.

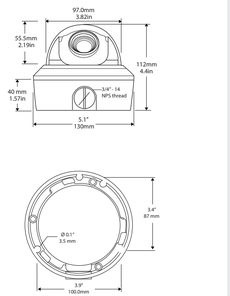
DIMENSIONS

CBP6324DN-IP



DIMENSIONS

CVP9324DN-IP



IP CAMERA RANGE

CVP9328DNIR-IP
External IR Eyeball

The CVP9328DNIR-IP is an external, vandal-resistant, true day-night IP eyeball camera with Infra Red.

VCP2259-IP
Internal Body

The VCP2259-IP is an internal true day-night IP body camera from Concept Pro.

CBP6324DNIR-IP
Infrared Day Night

The CBP6324DNIR-IP is an internal true day-night IP fixed dome camera with Infra Red from Concept Pro.

CVP9324DNIR-IP
Vandal Resistant

The CVP9324DNIR-IP is an external, vandal-resistant, true day-night IP fixed dome camera with Infra Red from Concept Pro.

CVP-BRK
Vandal Resistant Fixed Dome Bracket

Vandal Resistant dome bracket. One bracket fits all external CVP IP domes

AIR4526-IP
External Bullet

The AIR4526-IP is an external true day-night Infra Red IP bullet camera from Concept Pro.

AIR-IR

Extends the IR range of the AIR4526-IP to 80m

TROUBLESHOOTING

Can't find the camera IP address using NVMS or other software:

- Make sure Ethernet and/or DC power cables are correctly connected to the camera.
- Make sure the PoE switch or DC power source meets the camera's power requirements (class 3 PoE / 450mA / 5.4W /12V). If using PoE,make sure the PoE switch is powered on.
- Make sure the PC is on the same network as the camera. Ping the camera's IP address. On your PC, go to Start>Programs>Accessories >Command Prompt. Type ping then the camera's local IP address and press Enter. If you get the message "Request timed out," PC and camera are not on the same network or camera is not connected. Camera is connected if you receive replies.
- Connect the BNC test cable to the camera and the other end to a test monitor. The monitor display shows the camera's IP address. A default IP address of 192.168.0.120 may mean that the camera cannot obtain an IP address from the router. Check the Ethernet/power connections and router configuration.
- Camera set for static IP mode using an incorrect IP address. By default, the camera is set for DHCP mode,which means it will automatically obtain an IP address from your router. Reset the camera to factory default settings by removing the camera cover and pressing the reset button for 5 seconds or more.

Can't connect to the camera on a web browser using local IP address:

- See steps above.
- Verify the camera's local IP address using one of the methods listed in "Finding the Camera's IP Address"

Can't connect to camera on a web browser using a DDNS address:

- Port forwarding not set up. Make sure the HTTP port (default: 80) and Control port (default: 30001) are forwarded on your router to the camera's local IP address.
- Multiple cameras using same port number to connect. Configure each camera to use different ports and port forward the new ports

Can't connect to camera video on a web browser:

- If using IE, make sure to install ActiveX plug-in or Adobe Flash Player.
- If using a browser other thanIE (e.g.Google Chrome,Apple Safari,Mozilla Firefox),make sure latest version of Adobe Flash Player is installed.

Video performs poorly on browser:

- Insufficient bandwidth available for high-quality stream1. Select stream 2 under Stream. Stream 2 provides a lower-resolution to conserve bandwidth and improve performance on low-bandwidth connections.
- If using IE, click the message above the video area to use ActiveX plug-in instead of Flash Player. ActiveX may provide smoother video performance.

User account is locked:

- User accounts are locked when the password has been incorrectly entered 3 times. To unlock the account, login to the camera web interface as admin. Click Privilege Manager>User. Under User, select the locked user account and click Unlock to unlock the account.