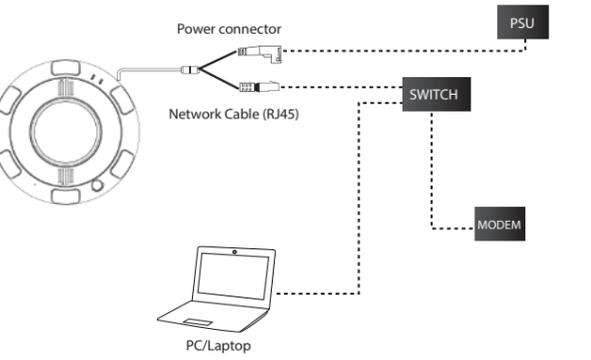




CONNECTION



- Check the power supply is the correct level and connect your power supply into the power port on the camera
- Connect the RJ45 connector to your network switch. If you are using PoE Switch (Power over Ethernet) Please Remove the power supply to the camera, as this is not required.
- View the image on your monitoring device to check the power and video connection is working properly.

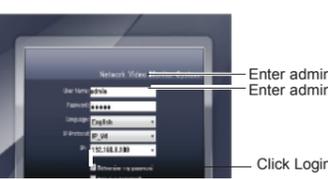
FINDING THE CAMERA'S IP ADDRESS

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.

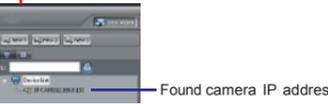
2. Finding the camera's IP address Using NVMS



1. Install NVMS from the CD. Now Double-click the NVMS icon on the Desktop. The log in screen appears. Enter admin Enter admin Click Login
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 camera icon.



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



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**.



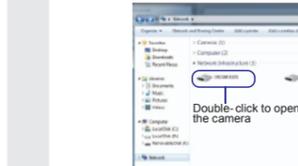
6. The camera appears under the camera IP address. Click and drag the camera to the display grid to open it.

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.

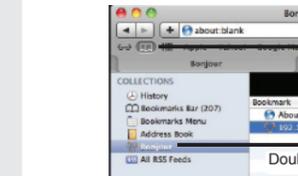


3. Under **User Name** and **Password**, enter the camera's User Name (default: **admin**) and Password (default: **admin**) and click **Login**.

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 Bonjour 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**.



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

SPECIFICATION

CBP360-IP	
SENSOR	CMOS 1/1.8" WITH 100dB WDR
MAX RES / MAX FRAME RATE	3072(H)*2048(V)/30FPS WITH FISHEYE CORRECTION
MIN. ILLUMINATION	0.2 LUX (COLOUR IR LED OFF)/0.1LUX B/W (0 LUX IR LED ON)
DAY / NIGHT	TRUE DAY / NIGHT WITH ICR FILTER.
LENS	360° FISHEYE F=1.6MM
FIELD OF VIEW (H / V / S)	180° /180° / 360°
IR LED	HIGH POWERED SUPER FLUX LEDES 850NM
IR DISTANCE	10 METERS (33 FEET)
IMAGE CORRECTION	YES
VIRTUAL PTZ	E-PTZ
RESOLUTION	3072(H)*2048(V)/25FPS SPLIT SCREEN:2160(H)*1600(V)/25FPS
DISPLAY	ONE SCREEN PANORAMA DISPLAY FOUR SCREEN DISPLAY: ONE PANORAMA + THREE PARTIAL SIX SCREEN DISPLAY: ONE PANORAMA + FIVE PARTIAL EIGHT SCREEN DISPLAY: ONE PANORAMA + SEVEN PARTIAL
VIDEO BITRATE	1MBPS TO 12MBPS
ELECTRONIC SHUTTER	AUTO / USER 1/5 - 1/50,000 - 50/60HZ SOFTWARE SELECTABLE
COMPRESSION	H-264 HIGH/MAIN/BASE PROFILE, STREAM1 H-264, OR MJPEG.
STREAMING MODE	SINGLE STREAM
STREAM CONTROL	UNICAST
QUALITY SETTING (VBR)	VBR/CBR
I FRAME	1 - 9 (9 HIGHEST)
BRIGHTNESS / SHARPNESS	USER SELECTION VALUE
GAIN CONTROL	VARIABLE 0-100 / 0-100
WHITE BALANCE	AUTO / FIXED 8-102DB
ORIENTATION	AUTO / MANUAL
TEXT OVERLAY	HORIZONTAL / MIRROR / VERTICAL FLIP TIME / DATE / CAMERA / CUSTOM OSD
ETHERNET	1 ETHERNET (10/100 BASE-T) RJ45 CONNECTOR
TCP/IP	IPV4 / IPV6 (DHCP / FIXED)
COMPLIANCE	ONVIF V2.2 (PROFILE S)
WIDE DYNAMIC RANGE	YES
BACK LIGHT COMPENSATION	YES
HIGHLIGHT COMPENSATION	YES
DIGITAL NOISE REDUCTION (DNR)	YES
RTSP VIDEO	STANDARD RFC2326, SUPPORT QUICKTIME / VLC PLAYER. USER SECURITY AUTHENTICATION (ENABLED / DISABLED)
WEB LANGUAGE	ENGLISH, CHINESE
RECORDING SIMULTANEOUS.	LOCAL MICRO SD MEMORY (MAXIMUM OF 64GB) REMOTE FTP SERVER, TCP/UDP CMS, RTSP CONNECTION .
NETWORK PROTOCOLS:	HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPOE, NTP, UNICAST AND MULTICAST SUPPORTED. VIDEO STREAMING FROM SDK & NVMS / NVR SOFTWARE OR 3RD PARTY APPLICATIONS.
INPUT / OUTPUT	OPTIONAL MICROPHONE: 1 X RCA INPUT LINE LEVEL
AUDIO COMPRESSION	G711 A-LAW, G711 U-LAW , RAW_PCM
POWER	12V DC 24V AC TERMINAL INPUT / POE 802.3AF CLASS 2 4.5W (IR LED OFF), 10.5W (IR LED ON)
RESET BUTTON	SUPPORTED
TEMPERATURE	OPERATING: -25°C TO 55°C (IR LED OFF), -25°C - 40°C (IR LED ON) STORAGE: -30°C - 80°C
HEATING FUNCTION	YES
OPERATING HUMIDITY	<90% (NON-CONDENSATION)
APPROVALS	CE / FCC / ROHS COMPLIANT / IP65 / IK10
DIMENSIONS	162MM Ø X 52.2MM (H), (6.4" X 2.1")
PRODUCT WEIGHT	740 GRAMS

Design and specification are subject to change without notice.

CBP360-IP

IP Fisheye Camera

USER MANUAL



CAUTION

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

INSTALLATION

CBP360-IP

PACKING CONTENTS



INSTALLATION

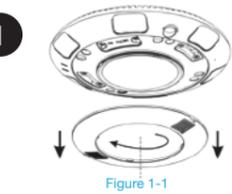
1

Figure 1-1

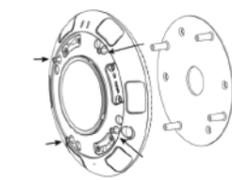


Figure 1-2

Installation Procedure

- Take out the camera, keep the dome cover down, rotate and remove the cover, shown in Figure 1-1. Figure 1-1 Remove the cover
- Use the Allen key in the accessory package to unscrew the four star screws, remove the installation bracket. See Figure 1-2. Figure 1-2 Remove the installation bracket

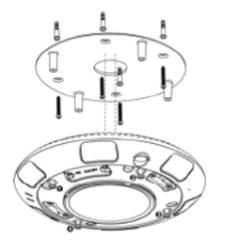
2

Figure 1-3

Fix the installation bracket

- Get the mounting template from the accessory package, remove the paper from the label, and stick the label to the place where the camera is to be installed.

Figure 1-3 Fix the installation bracket

- Use a drill with a diameter of 5.5mm to drill four round holes with a depth of 40mm. Use a hammer or any other rigid object to nail the four white plastic buttons into the round holes. Ensure that the wall surface is level and the plastic buttons align with the wall surface.
- Drill a thread hole with a diameter of 30mm in the center of the positioning labeling to route the multi-head cable.
- Aim the four through-holes of the installation bracket at the white plastic buttons, and use four black self-tapping screws with a length of 30mm to fix the installation bracket.

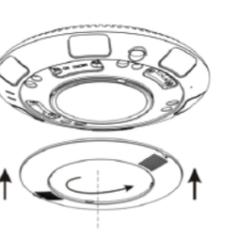
3

Figure 1-4

Install the camera

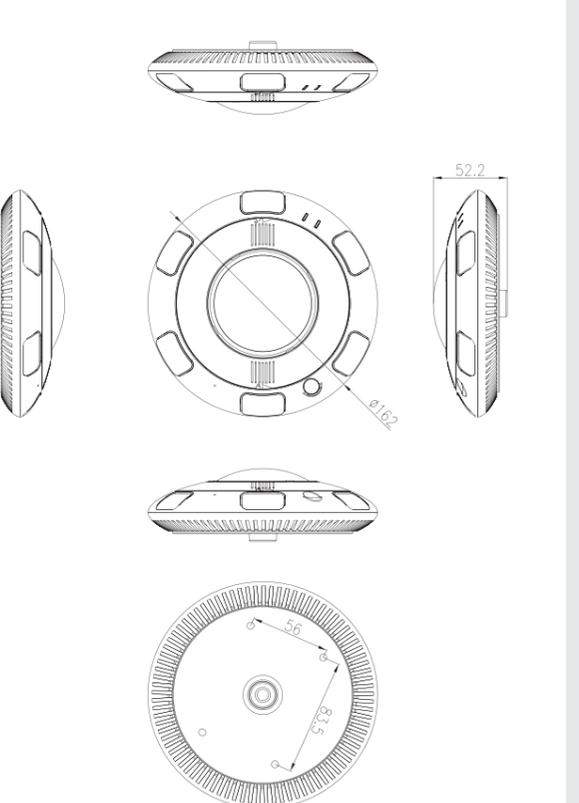
- Connect the standard Ethernet cable and power supply, ensure that the NIC indicator and power supply indicator on.
- Aim the four holes of the camera at the four screw bolts, use the Allen key to fasten the four star screws.

Figure 1-4 Install the camera

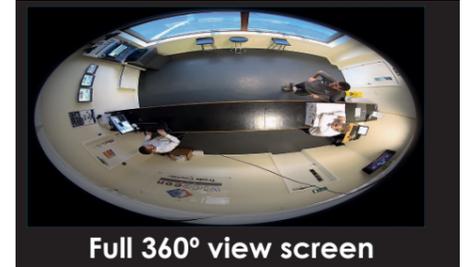
- Aim the two buckles of the cover at the gap and push in, then rotate the cover to fasten in, shown in Figure 1-4.

DIMENSIONS

CBP360-IP



VIEWING ANGLES



Full 360° view screen



Full 360° & 5 camera PTZ view



Full 360° & 3 camera PTZ view



Full 360° & 7 camera PTZ view

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.

**CBP6324DN-IP**
Internal Day Night

The CBP6324DN-IP is an internal true day-night IP fixed dome camera from Concept Pro.

**CVP9324DN-IP**
Vandal Resistant

The CVP9324DN-IP is an external, vandal resistant, true day-night IP fixed dome camera from Concept Pro.

**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

**CVP-BRK**
Vandal Resistant
Fixed Dome Bracket

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

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. For more information, see "8.3 Internet Explorer® Setup"
- If using a browser other than IE (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 stream 1. 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.