

...easy to operate using the ProHome
or ProHome IPC app



OLYMPIA

OC 1280 P IP Camera

with receiver for alarm systems from
the ProHome and Protect series

Quick Start Guide



Do you need detailed descriptions on
how to use the app and operate the camera?

Visit us at www.olympia-vertrieb.de

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Before You Start



Read the operating manual thoroughly and observe all the information contained when using the OC 1280 P IP camera. Keep the operating manual in a safe place for future reference.



Pay attention to this symbol. Texts which are highlighted by this symbol provide helpful information on handling the OC 1280 P IP camera.

Safety Instructions

Read and observe all the safety information to protect yourself and the environment from any harm.

The following warnings indicate potentially dangerous situations which could lead to serious injuries or even fatal injuries if the information is ignored.



WARNING! Risk of fatal injury from electric shock! **NEVER** use the device if you suspect damage to the power cable or power plug or there are visible signs of damage to the power cable or power plug.



WARNING! Risk of suffocation! Children can swallow small parts, packaging and protective foils. Keep the device and packaging out of reach of children.



NEVER complete any repairs to the device yourself. Never open the device because it contains no components which you may service yourself. In the event of a fault, contact our Service Department.



The following warnings indicate potentially dangerous situations which could lead to property damage if the information is ignored.

IMPORTANT! Only use original accessories. Only connect accessories approved by the manufacturer to the camera and only use the power adapter supplied.

IMPORTANT! Repairs to this device may only be completed by properly qualified service personnel.

Intended Use

The OC 1280 P IP camera (subsequently referred to as camera) is designed to perform video surveillance (CCTV) of indoor and outdoor areas by day and night.

When installing and selecting the area of application of the camera, pay attention to the personal rights of third-parties and that the respective, applicable local laws and regulations are not violated.

A condition for complying with the intended use is that the equipment is installed correctly and the information in the manual is observed and maintained. Any other use is considered unintended use.

The camera is not intended for use in wet rooms or potentially explosive atmospheres. Monitoring of third-parties is not permitted without having obtained the respective, explicit authorisation and doing so could have legal consequences.

Unauthorised modifications or reconstructions are not permitted.

The camera is only intended for private use.



General Overview

This section provides information on the package contents of the camera, the system requirements to operate it with the app and contains a summary of the functions and operating elements available on the camera.

Package Contents

Please check the contents of the package carefully. If anything is missing or has been damaged during transport, DO NOT put the camera into operation!

IP Camera OC 1280	1
Power adapter	1
Receiver	1
Cable box	1
Assembly material	3 x screws, 3 x dowels
Network cable	1 x Cat.5e (RJ45)
Operating manual	1

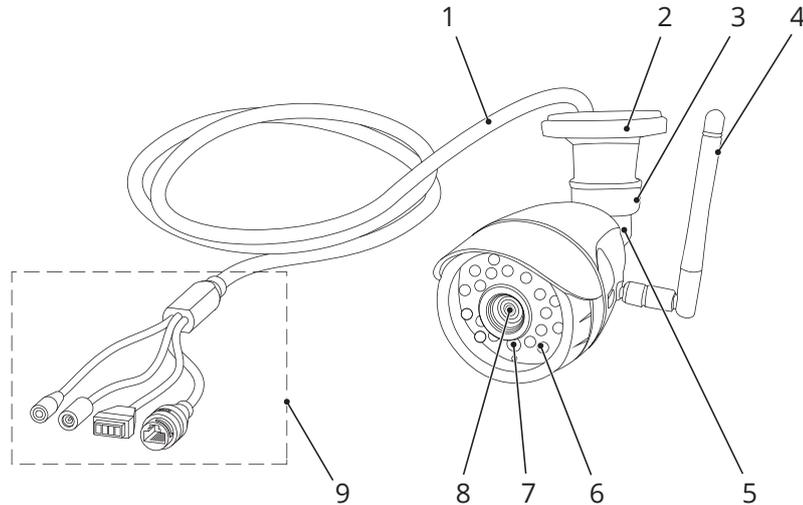
System Requirements

When using an alarm system from the Protect series, the installation location of the camera must be within transmission range of the base unit of the alarm system.

You need a web-capable smartphone which has the Android (from 4.4) or iOS (from 7) operating system and the latest version of our app.



General View



1 Connection cable (several interfaces)

2 Device mounting bracket

3 Union nut for mounting bracket

4 Antenna (Wifi)

5 Interfaces (see Page 11)

6 Infrared LEDs (night vision)

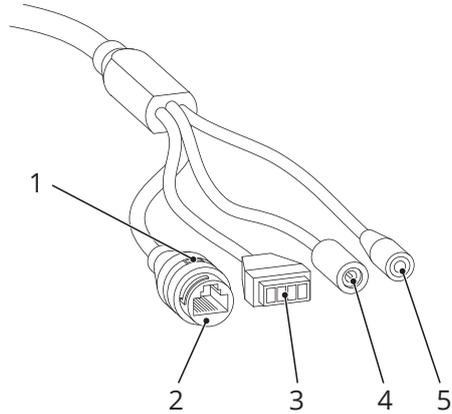
7 Brightness sensor

8 Lens

9 Interfaces (see Page 8)

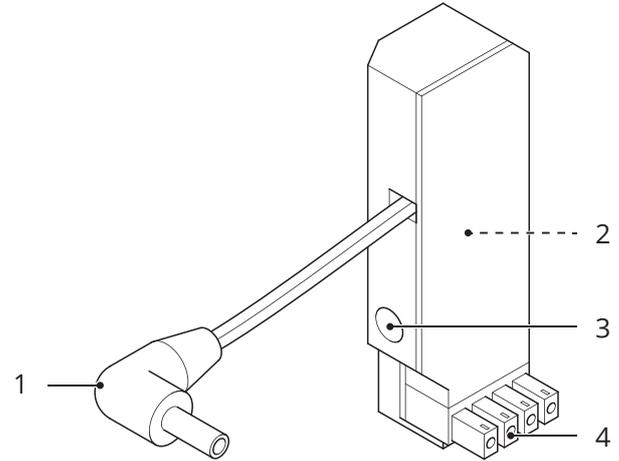


Interfaces on Connection Cable



- 1 LEDs (network activity)
- 2 Port (for network cable)
- 3 Port (for connection to the receiver)
- 4 Port (for power supply)
- 5 Reset button

Receiver for Connection to Alarm System



- 1 Plug (for power supply)
- 2 Status LED (not illustrated here)
- 3 Port (for power supply)
- 4 Plug (for connection to camera)



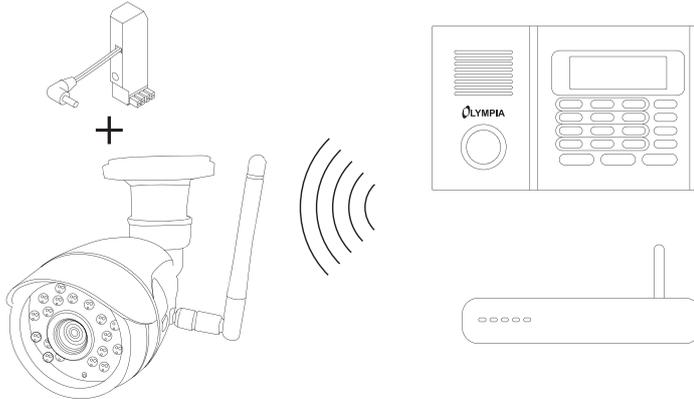
Connecting the Camera

This section provides information on how to connect and position the camera.

Connecting the Camera

This section explains how to connect the camera to the power supply and then decide whether the camera is to be integrated in an existing alarm system.

Use With an Alarm System



If you want to integrate the camera in an alarm system, you must use the receiver supplied. If you do not want to integrate the camera in an alarm system, skip this section and continue with **Use Without an Alarm System**.

The receiver is connected directly to the camera and power adapter of the camera. In this case, power is supplied to the camera from the receiver.

- 1 Connect the plug on the receiver to the port on the connection cable of the camera to enable data exchange with the alarm system.
- 2 Connect the plug on the receiver to the port on the connection cable of the camera for the power supply.
- 3 Connect the power adapter supplied to the port on the receiver and plug the power adapter in a power socket.

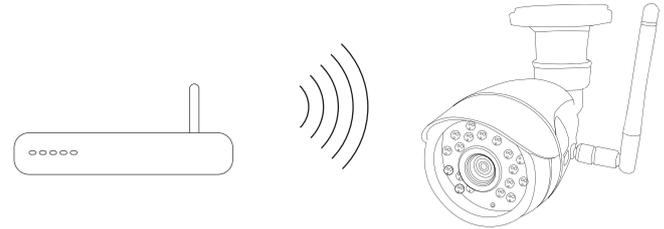


Registering the Receiver on the Alarm System

The following section describes how to register the receiver on the alarm system.

- 1 Disconnect the power adapter from the power socket.
- 2 Select the **Register** menu option on the base unit of the alarm system according to the relevant operating manual.
- 3 Connect the power adapter to a power socket.
- 4 The display on the alarm system indicates that registration was successful.
- 5 The receiver is now registered on the alarm system.

Use Without an Alarm System



If you want to use the camera without an alarm system, you do not need the receiver supplied.

- 1 Connect the power adapter supplied to the port on the camera's connection cable and a power socket.



Connecting the Camera - Network Cable

Connect the network cable to the network connection port on the camera and a free network connection port (LAN) on the router.



A condition for starting up the camera is the assignment of a unique IP address within your network. The **DHCP** function completes this automatically. In the case of most routers, the **DHCP** function is activated in the standard settings. For more information, please refer to the operating manual supplied with your router.

- 1 Connect the network cable to the port on the connection cable and a free network connection port on the router.
- 2 Wait about 60 seconds until the router has automatically assigned an unambiguous IP address to the camera.



One LED on the network connection port signals when a connection exists to the network (lights up orange) and the other that data is being transmitted (flashes green).

Last Steps Prior to Assembly

Disconnect all the cable connections before beginning with the installation work.

- 1 Disconnect the power adapter from the power socket.
- 2 Disconnect the network cable from the port on the connection cable.

Determining the Installation Location

You can install the camera at any installation location (e.g. under a roof projection or on a ceiling) with the aid of the device mounting bracket.

Observe the following points when selecting the assembly location.

- The camera must be installed at a suitable height to ensure the camera and connection cable are protected from unauthorised access by third parties.
- The camera must be within the range of the wireless home network (WLAN/Wifi).
- There must be sufficient space to install the cable box in the direct vicinity.
- The power socket, which is located indoors, must be easily accessible.
- (Option) The receiver must be within range of your alarm system.

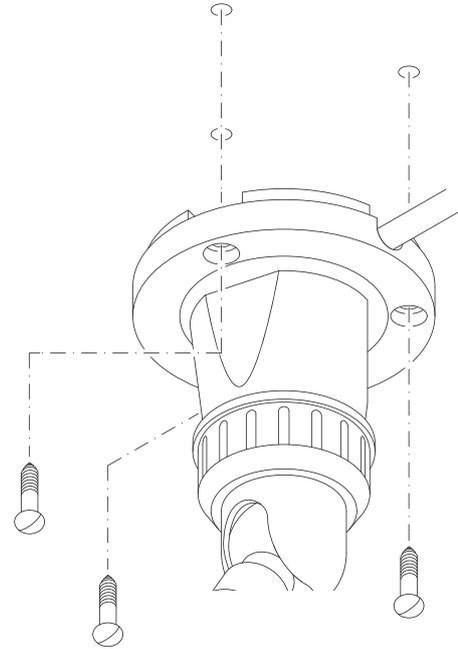


Installing the Camera



WARNING! Risk of fatal injury from electric shock or gas explosion! During installation, pay attention to the possibility of electrical cables and gas pipes running in the walls. Pay attention that you do not damage electric cables or gas pipes.

- 1 Use the holes in the base of the device as a drilling template.
- 2 Drill two sufficiently large holes in the wall or ceiling.
 We recommend the use of special dowels according to the properties of the mounting surface.
- 3 Insert the dowels in the drill holes.
- 4 Lay the connection cable in the recess in the mounting bracket.
- 5 Assemble the camera with the mounting bracket using suitable screws.





Assembling the Cable Box

After assembling the camera you can stow the connection cable and, if necessary, the receiver in the cable box in order to protect the remaining length of the cable from unauthorised access.

Observe the following points when selecting the assembly location.

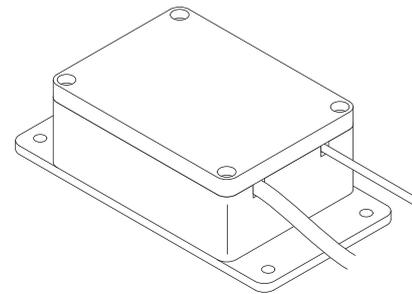
- The cable box must be in the direct vicinity of the camera.
- The power cable can be laid slightly inwards.
- (Option) The receiver must be within range of your alarm system.

Pay attention that you do not damage electric cables or gas pipes.



WARNING! Risk of fatal injury from electric shock or gas explosion! During installation, pay attention to the possibility of electrical cables and gas pipes running in the walls.

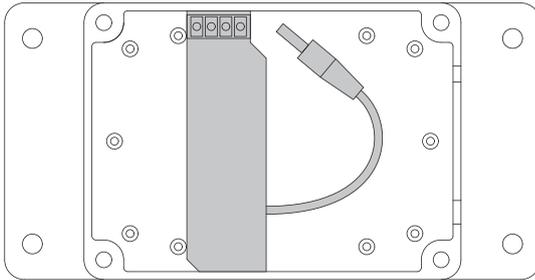
- 1 Use the holes in the cable box as a drilling template and drill four suitable holes in the wall or ceiling.
- 2 Loosen the screws in the lid of the cable box using an appropriate screwdriver and remove the cable box lid.
- 3 Drill another suitable hole in the wall or ceiling close to the cable box through which to feed the power cable out from the interior to the cable box.
- 4 Insert the respective dowels in the drill holes for the cable box.
- 5 Pay attention that the **cable glands face downwards** and assemble the cable box using appropriate screws.





Using a Receiver

- 1 Connect the plug on the receiver to the port on the connection cable of the camera.
- 2 Connect the plug on the power adapter to the port in the receiver.
- 3 Lay the connection cable through the left-hand cable gland into the cable box.
- 4 Position the receiver in the cable box as illustrated.



- 5 Lay the connection cable in loops inside the cable box.
- 6 Lay the power cable through the hole you drilled and out of the inner area.

- 7 Feed the power cable through the right-hand cable gland into the cable box.
- 8 Place the lid on the cable box and screw the lid on using the screws provided.
- 9 Connect the power cable to a power socket.

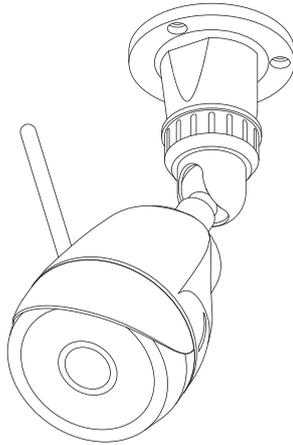
Without Receiver

- 1 Connect the plug on the power adapter directly to the port on the connection cable of the camera.
- 2 Lay the connection cable in loops inside the cable box.
- 3 Feed the power cable through the hole you drilled and out of the inner area.
- 4 Feed the power cable through the right-hand cable gland into the cable box.
- 5 Place the lid on the cable box and screw the lid on using the screws provided.
- 6 Connect the power cable to a power socket.



Aligning the Camera

- 1 Loosen the union nut on the device base.
- 2 Aim the camera at the area you want to monitor.



- 3 Fix the camera in the defined position using the union nut on the device base.

Detailed Operating Instructions

The way in which to connect the smartphone and camera and control them via the app is explained in the corresponding operating manual provided with the ProHome app or ProHome IPC app.

The operating manual for the ProHome app and ProHome IPC app can be found on our website at www.olympia-vertrieb.de



Appendix

Technical Data

Weight	Approx. 350 g (without accessories)
Dimensions	175 mm x 65 mm (L x D), connection cable 1400 mm
Permissible ambient conditions	-20 °C to +70 °C at 20% to 80% rel. humidity
Transmission frequency	868.5 MHz (radio), 2.412 - 2.484 GHz (WiFi)
Transmission power (max.)	1 mW (radio), 63.1 mW (WiFi)
Power supply	Input: 100 - 240 V, 50/60 Hz, 0.5 A / Output: 5 V, 2500 mA / 5 W
Lens / Sensor	1/4" CMOS sensors (colour), focal length f: 3.6 mm
Resolution	Max. 1280 x 720 pixel
Image compression	H.264
Light sensitivity	0.5 lux
Image refresh rate	30 fps max.
Night vision	21 IR LED, range up to 15 meters
Angle of vision	60°
Motion detection	Yes
Type of protection	IP 65
Ports	MicroSD, I/O
LAN	RJ45 interface (10/100 Mbps)
WLAN	IEEE 802.11 b, 802.11 g, 802.11 n
Encryption	WEP, WPA and WPA2



Troubleshooting

I cannot register the receiver on the alarm system.

Check all the cable connections. Observe the information in Section **Connecting the Camera on Page 9**.

Read the relevant information in the operating manual supplied with the alarm system.

Reset your camera to its default factory settings. Use a thin object to press in the opening on the rear of the camera for approx. 10 seconds. Ensure that the user identifier and password correspond to the default settings.

My camera is not detected within the network.

Check all the cable connections. Observe the information in Section "Connecting the Camera".

Check the network settings on the router. The **DHCP** function must be activated in the router settings. Your camera can only be found automatically in the network when the **DHCP** function is switched on.

Reset your camera to its default factory settings. Use a thin object to press in the opening on the rear of the camera for approx. 10 seconds. Ensure that the user identifier and password correspond to the default settings.



More answers to frequently asked questions are provided in the Support section of our website at www.olympia-vertrieb.de



Cleaning and Service

- 1 Disconnect the camera from the power outlet before cleaning it!
- 2 Clean the surface of the housing with a soft, lint-free cloth. Never use any chemicals or scouring agents.

Information on Disposal



The adjacent symbol indicates that old electrical and electronic apparatus no longer required must be disposed of separate from domestic waste in accordance with legal directives.



Packaging materials must be disposed of according to local regulations.

Guarantee and Service

Dear Customer,

we are pleased that you have chosen this equipment.

In the case of a defect, please return the device together with the receipt and original packing material to the point-of-sale.

Information on Conformity



Olympia Business Systems Vertriebs GmbH, Zum Kraftwerk 1, 45527 Hattingen hereby declares that these devices fulfil the basic requirements and other relevant provisions stipulated in the Directive 2014/53/EU. The CE Mark on the devices confirms conformity.



Detailed information on the Declaration of Conformity is available at <http://productip.com/?f=5fd5b>



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IP Camera, OC 1280 P

