

EMINENT



EM6029 Rev1 - Digital Zoom camera for indoor

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Table of contents

1.0 Introduction	2
1.1 Functions and features	2
1.2 Packing contents	2
2.0 Preparing the camera for usage	3
3.0 Explanation of the menu options	4
4.0 Zoom in using the EM6005 or EM6015 DVR recorder	4
4.1 Zoom in using the EM6005's menu	4
4.2 Zoom in through the local network and internet	5
5.0 Frequently Asked Questions and other related information	5
6.0 Service and support	5
7.0 Warning and points of attention	6
8.0 Warranty conditions	7
9.0 Declaration of Conformity	7

1.0 Introduction

Congratulations with the purchase of this high-quality Eminent product! This product has undergone extensive testing by Eminent's technical experts. Should you experience any problems with this product, you are covered by a five-year Eminent warranty. Please keep this manual and the receipt in a safe place.

Register your product now on www.eminent-online.com and receive product updates!

1.1 Functions and features

The EM6029 is a digital zoom camera intended for indoor usage. Thanks to the coaxial connection, the EM6029 extremely suited to be used with a digital DVR security kit like the Eminent EM6001, EM6005 and EM6015. Thanks to the powerful zoom lens, you can zoom in up to 30X in order to get a clear image of distance objects. The EM6029 has a so called 'auto focus' function which means the lens fixates itself onto an object in order to get a clear image. In combination with a digital DVR security kit, the EM6029 is part of a security system no one can get around!

1.2 Packing contents

The following parts need to be present in the packing:

- EM6029 zoom camera
- Mounting foot for mounting to a wall or ceiling
- Power conversion cable

2.0 Preparing the camera for usage

The EM6029 has been designed to be mounted on walls or ceilings. Use the following steps to mount the camera correctly, so you can use the camera in combination with the Eminent EM6001, EM6005 or EM6015 DVR unit.

1. Shut down the DVR recorder by pulling out the plug from the wall outlet.
2. Take the camera out of the packaging.
3. Use the mounting foot to mark the holes on the location you want to mount the camera.
4. Drill the holes and fill these holes with mounting plugs.
5. Attach the camera foot with the screws to the wall or ceiling.
6. Mount the camera to the mounting foot.
7. Connect a video cable (BNC) to the camera.
8. Connect the other end of the video cable (BNC) to the EM6001, EM6005, or 6015.
9. The video cable can directly be connect to one of the video-inputs 1 till 4 of the EM6001 or EM6005. In case of the EM6015, the video cable can be connected to one of the video inputs 1 till 8.
10. Check whether your DVR recorder has been shut down properly and the DVR is not connected to a wall outlet!

Note: Steps 11 to 15 are only necessary if you want to zoom in using your DVR recorder.

11. Take a UTP network cable (For example: The Eminent EM6062) and remove 5cm of the mantle of both ends of the cable, so the bare UTP wires are exposed.
12. Now strip the cable at both ends. Make sure you maintain 5mm of bare copper. In the following steps we have stripped the following UTP wires: Blue and blue-white.
13. Connect the '485A' of the DVR recorder. For connecting, use the blue UTP wire.
14. Connect the '485B' of the camera to the '485B' of the DVR recorder. For connecting, use the blue-white UTP wire.
15. Now check whether you have connect the wires properly.
16. Now connect the power conversion cable to the camera by connecting the red cable to the '12V' connection of the camera. Connect the other cable to the 'GND' connection of the camera. Connect the other side of the power conversion cable to the power adapter of the DVR recorder.
17. Connect your DVR recorder to a wall outlet to power the DVR recorder. If correctly connected, the 'POWER' LED on the EM6029 will be lit.
18. Possibly you have to setup the EM6001, EM6005 or EM6015 for using this camera (If you have not done this already, please refer to the supplied manual of the EM6001, EM6005 or EM6015).
19. The camera is now ready to be used.
20. By using the button at the back of the camera, camera settings can be altered. Settings are: 'Auto focus', 'zoom', 'indoor' and 'outdoor'.

3.0 Explanation of the menu options

At the back of the camera you will find several buttons. One of these buttons is the 'MENU' button. This button gives you entry to the camera's settings menu. We will briefly explain the mostly used settings.

1. **LANG:** Choose your language. Choose between English and Chinese.
2. **ZOOM:** Choose whether the zoom function will be enabled. Choose between 'OFF' or 'ON'. Default setting is 'ON'.
3. **FOCUS:** Choose the desired focus method. Choose between 'AUTO', 'KCTL' and 'MANU'. Default settings is 'AUTO'. The lens will then focus automatically.
4. **BAUD:** Set the correct baud rate. Usually, 9600 is the correct baud rate for both the camera and DVR recorder.
5. **DEFLT:** Use this function to set the camera back to factory default settings.
6. **IRIS:** Using this function, the lens opening (size) can be adjusted. 'NIGH' is the night settings. Using this option, the lens will be completely opened. 'Move' means the lens will be open for a small amount. 'AUTO' is the default setting and will be sufficient in most cases. 'FIXED' is a fixed IRIS setting.
7. **BLC:** Back Light Compensation. When enabling this function, more detail will be visible in dark environments.
8. **WB:** White Balance. Alter the different settings: 'AUTO', 'LAMP' (In case the camera has been connected next to a lamp), 'IN-D' (White balance will be adjusted for indoor usage), 'OUTD' (White balance will be adjusted for outdoor usage).
9. **PE:** Choose whether the image will be mirrored. 'ON' means mirrored, 'OFF' means not mirrored.
10. **ADDR:** If the camera address in your DVR has been set to '001'. You have to use the same setting in the EM6029.

Hint: Press the 'TELE' button at the back of the EM6029 to zoom in. Press the 'WIDE' button to zoom out.

4.0 Zoom in using the EM6005 or EM6015 DVR recorder

Except the possibility to zoom in using the 'TELE' button at the back of the EM6029, it is also possible to zoom in using your DVR recorder (Your DVR needs to be equipped with a built-in zoom function). In the following example we will explain how to zoom in using the EM6005 or EM6015 DVR security recorder.

4.1 Zoom in using the EM6005's menu

1. Make sure the EM6005 is completely started and you see the EM6005's image on screen.
2. Click the right mouse button.

3. Click 'PTZ'.
4. In the 'PTZ SETUP' menu you can click the plus sign in order to zoom in. Click the minus sign in order to zoom out.

4.2 Zoom in through the local network and internet

1. Fill in the local IP-Address of the EM6005 or EM6015 in your web browser, or fill in the WAN IP-Address of the location where the EM6005 or EM6015 is situated and press the 'Enter' key on your keyboard.
2. Perhaps a password will be asked. Fill in the EM6005's or EM6015's password and click 'Login'.
3. In the 'PTZ Control' menu at the right side of the screen, click the plus sign in order to zoom in. Click the minus sign in order to zoom out

5.0 Frequently Asked Questions and other related information

The latest Frequently asked questions for your product can be found on the support page of your product. Eminent will update these pages frequently to assure you have the most recent information. Visit www.eminent-online.com for more information about your product.

If available, firmware updates will be downloadable using your computer's web browser. After downloading the firmware file(s), the downloaded file(s) need to be unpacked. The firmware file(s) and 'Readme' files will be available after unpacking. Before updating your firmware, make sure you have read the 'Readme' files. These files will contain instructions how to update your device properly.

6.0 Service and support

This users manual has been carefully written by Eminent's technical experts. If you have problems installing or using the product, please fill out the support form at the website www.eminent-online.com/support

You can also contact us by phone. Below you will find a list with phone numbers for each supported country.

Country	Phone number	Rate per minute*
Belgium (Dutch)	070 277 286	€0.30
Belgium (French)	070 277 286	€0.30
Denmark	+45 69918565	Local Costs
Finland	+35 8942415826	Local Costs
Germany	1805 982 234	€0.14
Italy	+39 0240042016	Local Costs
Norway	+47 21075033	Local Costs

Spain	807 080 042	€0.41
Sweden	+46 840 309985	Local Costs
The Netherlands	0900-3646368	€0.45
UK	905 871 0013	£0.30
Hungary	1-4088902 (From Budapest)	Local Costs
Hungary	06-1-4088902 (From the rest of Hungary)	Local Costs
Hungary	+36 1-4088902 (International)	Local Costs

* Rates mentioned in this table do not include cell phone charges.

7.0 Warning and points of attention



Due to laws, directives and regulations set out by the European parliament, some (wireless) devices could be subject to limitations concerning its use in certain European member states. In certain European member states the use of such devices could be prohibited. Contact your (local) government for more information about this limitations.

Always follow up the instructions in the manual, especially where it concerns devices which need to be assembled.

Warning: In most cases this concerns an electronic device. Wrong/improper use may lead to (severe) injuries!

Repairing of the device should be done by qualified Eminent staff. The warranty immediately voids when products have undergone self repair and/or by misuse. For extended warranty conditions, please visit our website at www.eminent-online.com/warranty

8.0 Warranty conditions

The five-year Eminent warranty applies to all Eminent products unless mentioned otherwise before or during the moment of purchase. When having bought a second-hand Eminent product the remaining period of warranty is measured from the moment of purchase by the product's first owner. The Eminent warranty applies to all Eminent products and parts inextricably connected to and/or mounted on the main product. Power supply adapters, batteries, antennas and all other products not integrated in or directly connected to the main product and/or products of which, without reasonable doubt, can be assumed that wear and tear show a different pattern than the main product are not covered by the Eminent warranty. Products are not covered by the Eminent warranty when subjected to incorrect/improper use, external influences and/or when opened by parties other than Eminent.

9.0 Declaration of Conformity

To ensure your safety and compliance of the product with the directives and laws created by the European Commission you can obtain a copy of the Declaration of Conformity concerning your product by sending an e-mail message to: info@eminent-online.com. You can also send a letter to:

Eminent Europe BV
PO Box 276
6160 AG Geleen
The Netherlands

Clearly state 'Declaration of Conformity' and the article code of the product of which you would like to obtain a copy of the Declaration of Conformity.



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