How To Install?

Contents

MZCB-3080W (MZ-INBD-5754)

- Use the mounting screws to affix the camera bracket to a sturdy surface

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish to connect the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera quickly with lens at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCB-3080 (MZ-INBH-5704)

- Use the mounting screws to fix the camera bracket to a sturdy surface

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish to connect the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera quickly with lens at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCD-1010 (MZ-DH-4354)

- Open the dome cover ring from the dome base with coins.

- There are three mounting holes on the dome base so that you can install the dome unit in any place such as ceiling, and walls.

- Use the mounting screws to affix the dome base to a sturdy surface.

- Connect the video& power cable to camera. Please check that the power supply adaptor is 800mA /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Adjust the camera-viewing angle (by hand) using the 3-Axis gimbal adjustment. And then fix the dome cover ring to the dome base.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCD-3010 (MZ-DH-3607)

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the main body.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 800mA /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment. And then fix the top cover ring to the main body by turning it clockwise.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCD-3010R (MZ-DHIR-5607)

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the housing.

- Unscrew the 3 fixing screws and gently turn the middle cover counter- clockwise to unlock and then pull free of the bottom cover.

- Set the dome and main body aside.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Install the bottom cover to the desired installation surface using 4 supplied mounting screws.

- Lock the camera in base by turning the camera body clockwise.

- Use the mounting screws to affix the camera body.

- In case of flash mounting: make a hole of φ100 on the ceiling then put the camera into the hole and secure by supplied 3 fixing screws.

- Please check that the power supply adaptor is 800mA /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- You can adjust the camera-viewing angle (by hand) using the 3-position adjustment.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCD-3020R (MZ-IRDH-6604)

- Open the dome cover ring from the dome base with coins.

- There are three mounting holes on the dome base so that you can install the dome unit in any place such as ceiling, and walls.

- Use the mounting screws to affix the dome base to a sturdy surface.

- Connect the video& power cable to camera. Please check that the power supply adaptor is 800mA /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Adjust the camera-viewing angle (by hand) using the 3-Axis gimbal adjustment. And then fix the dome cover ring to the dome base.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCD-3080R (MZ-DHIR-7607)

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the housing.

- Unscrew the 3 fixing screws and gently turn the middle cover counter- clockwise to unlock and then pull free of the bottom cover.

- Set the dome and main body aside.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Install the bottom cover to the desired installation surface using 4 supplied mounting screws.

- Lock the camera in base by turning the camera body clockwise.

- Use the mounting screws to affix the camera body.

- In case of flash mounting: make a hole of φ100 on the ceiling then put the camera into the hole and secure by supplied 3 fixing screws.

- Please check that the power supply adaptor is 800mA /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- You can adjust the camera-viewing angle (by hand) using the 3-position adjustment.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

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MZCD-3080RV (MZ-IRVNDH-4704)

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish to connect the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCU-3020R (MZ-OBH-4702)

- Use the mounting screws to affix the camera arm to a sturdy surface.

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish connecting the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCU-3030R (MZ-OBH-7622)

- Use the mounting screws to affix the camera arm to a sturdy surface.

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish connecting the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCU-3080R (MZ-OVBH-8622)

- Use the mounting screws to affix the camera arm to a sturdy surface.

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish to connect the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCU-3080RH (MZ-OVBH-7702)

- Use the mounting screws to affix the camera arm to a sturdy surface

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor (inside camera box) to the camera power input, and do not turn on power before you finish to connect the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCP-2120E (MZ-SD12-5561)

- Hold gently the PTZ camera and place it at the desired location.

- Fix the camera by provided screws' using the holes exists within the camera arm or bracket. Be sure that the camera balanced and doesn't vibrate.

- Connect PTZ camera to a DVR, you need three types of cable

   ✓ Power cable mostly referred to as 18/2 to send 12V or 24V power to the camera. Connect from the power supply to the DC or AC connector on the security camera.

   ✓ RG59 Coaxial Connects from the BNC connector on the camera to the BNC camera in on the DVR this is the Video signal cable, which will send the video signal from the camera to the DVR.

   ✓ Pair / Twisted Pair cable. Any copper pair cable that will send the PTZ command from the DVR to the PTZ camera. This cable connects from the RX+ RX- on the PTZ camera to the RS485 connector on the Security DVR or PC Based DVR.

- In case of using Controller keyboard, twisted pair cable to be connected to the keyboard. Be sure that the keyboard and PTZ cameras run on the same protocol and interface before they can communicate. Please make sure they are compatible. Pelco-D protocol with RS485 interface is the most common way to interface and control a PTZ camera.

- Check your camera manual for instructions how to setup camera ID.

- On the DVR whether it's a standalone or PC based, you need to set the devices protocol, baud rate, and camera ID on the DVR depending on the specs provided to you within the camera manual. Of course, all PTZ camera IDs on the same system have to be unique.

- Make sure to map the camera inputs with the corresponding IDs.

- If you are installing multiple PTZ cameras on one DVR system, please be careful of the wiring scheme for RS485 interface.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCP-2270E (MZ-SD27-6551)

- Hold gently the PTZ camera and place it at the desired location.

- Fix the camera by provided screws' using the holes exists within the camera arm or bracket.   Be sure that the camera balanced and doesn't vibrate.

- Connect PTZ camera to a DVR, you need three types of cable

   ✓ Power cable mostly referred to as 18/2 to send 12V or 24V power to the camera. Connect from the power supply to the DC or AC connector on the security camera.

- ✓ RG59 Coaxial Connects from the BNC connector on the camera to the BNC camera in on the DVR this is the Video signal cable, which will send the video signal from the camera to the DVR.

- ✓ Pair / Twisted Pair cable. Any copper pair cable that will send the PTZ command from the DVR to the PTZ camera. This cable connects from the RX+ RX- on the PTZ camera to the RS485 connector on the Security DVR or PC Based DVR.

- In case of using Controller keyboard, twisted pair cable to be connected to the keyboard. Be sure that the keyboard and PTZ cameras run on the same protocol and interface before they can communicate. Please make sure they are compatible. Pelco-D protocol with RS485 interface is the most common way to interface and control a PTZ camera.

- Check your camera manual for instructions how to setup camera ID.

- On the DVR whether it's a standalone or PC based, you need to set the devices protocol, baud rate, and camera ID on the DVR depending on the specs provided to you within the camera manual. Of course, all PTZ camera IDs on the same system have to be unique.

- Make sure to map the camera inputs with the corresponding IDs.

- If you are installing multiple PTZ cameras on one DVR system, please be careful of the wiring scheme for RS485 interface.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCP-2330E (MZ-SD33-7551)

- Hold gently the PTZ camera and place it at the desired location.

- Fix the camera by provided screws' using the holes exists within the camera arm or bracket. Be sure that the camera balanced and doesn't vibrate.

- Connect PTZ camera to a DVR, you need three types of cable

  - ✓ Power cable mostly referred to as 18/2 to send 12V or 24V power to the camera. Connect from the power supply to the DC or AC connector on the security camera.

  - ✓ RG59 Coaxial Connects from the BNC connector on the camera to the BNC camera in on the DVR this is the Video signal cable, which will send the video signal from the camera to the DVR.

  - ✓ Pair / Twisted Pair cable. Any copper pair cable that will send the PTZ command from the DVR to the PTZ camera. This cable connects from the RX+ RX- on the PTZ camera to the RS485 connector on the Security DVR or PC Based DVR.

- In case of using Controller keyboard, twisted pair cable to be connected to the keyboard. Be sure that the keyboard and PTZ cameras run on the same protocol and interface before they can communicate. Please make sure they are compatible. Pelco-D protocol with RS485 interface is the most common way to interface and control a PTZ camera.

- Check your camera manual for instructions how to setup camera ID.

- On the DVR whether it's a standalone or PC based, you need to set the devices protocol, baud rate, and camera ID on the DVR depending on the specs provided to you within the camera manual. Of course, all PTZ camera IDs on the same system have to be unique.

- Make sure to map the camera inputs with the corresponding IDs.

- If you are installing multiple PTZ cameras on one DVR system, please be careful of the wiring scheme for RS485 interface.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZCP-2370E (MZ-SD37-8551)

- Hold gently the PTZ camera and place it at the desired location.

- Fix the camera by provided screws' using the holes exists within the camera arm or bracket. Be sure that the camera balanced and doesn't vibrate.

- Connect PTZ camera to a DVR, you need three types of cable

  ✓ Power cable mostly referred to as 18/2 to send 12V or 24V power to the camera. Connect from the power supply to the DC or AC connector on the security camera.

  ✓ RG59 Coaxial Connects from the BNC connector on the camera to the BNC camera in on the DVR this is the Video signal cable, which will send the video signal from the camera to the DVR.

  ✓ Pair / Twisted Pair cable. Any copper pair cable that will send the PTZ command from the DVR to the PTZ camera. This cable connects from the RX+ RX- on the PTZ camera to the RS485 connector on the Security DVR or PC Based DVR.

- In case of using Controller keyboard, twisted pair cable to be connected to the keyboard. Be sure that the keyboard and PTZ cameras run on the same protocol and interface before they can communicate. Please make sure they are compatible. Pelco-D protocol with RS485 interface is the most common way to interface and control a PTZ camera.

- Check your camera manual for instructions how to setup camera ID.

- On the DVR whether it's a standalone or PC based, you need to set the devices protocol, baud rate, and camera ID on the DVR depending on the specs provided to you within the camera manual. Of course, all PTZ camera IDs on the same system have to be unique.

- Make sure to map the camera inputs with the corresponding IDs.

- If you are installing multiple PTZ cameras on one DVR system, please be careful of the wiring scheme for RS485 interface.

Caution in Installation

- Assemble the main body of the camera with lens quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZ-DV-1212i

- Open the DVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the DVR.

- Install the desired HDD in its designated place; fix it using screws provided within the DVR box.

- Connect HDD communication and power cable (review DVR manual).

- Put back DVR cover and fix tightly all screws.

- Connect cameras video cables to DVR inputs.

- For PTZ camera, connect the controller cables to the DVR rear panel.

- Connect DVR power adaptor and then plug it in the power outlet.

- Turn on the DVR till log in window appear, write down password given in the manual and DVR will display all cameras connected.

Caution in Installation

- Power Off the DVR whenever you install or remove the HDD.

- Power Off the DVR whenever you plan to relocate it.

MZ-DV-2412i

- Open the DVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the DVR.

- Install the desired HDD in its designated place; fix it using screws provided within the DVR box.

- Connect HDD communication and power cable (review DVR manual).

- Put back DVR cover and fix tightly all screws.

- Connect cameras video cables to DVR inputs.

- For PTZ camera, connect the controller cables to the DVR rear panel.

- Connect DVR power adaptor and then plug it in the power outlet.

- Turn on the DVR till log in window appear, write down password given in the manual and DVR will display all cameras connected.

Caution in Installation

- Power off the DVR whenever you install or remove the HDD.

- Power off the DVR whenever you plan to relocate it.

MZ-DV-4812i

- Open the DVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the DVR.

- Install the desired HDD in its designated place; fix it using screws provided within the DVR box.

- Connect HDD communication and power cable (review DVR manual).

- Put back DVR cover and fix tightly all screws.

- Connect cameras video cables to DVR inputs.

- For PTZ camera, connect the controller cables to the DVR rear panel.

- Connect DVR power adaptor and then plug it in the power outlet.

- Turn on the DVR till log in window appear, write down password given in the manual and DVR will display all cameras connected.

Caution in Installation

- Power off the DVR whenever you install or remove the HDD.

- Power off the DVR whenever you plan to relocate it.

MZ-DV-4848i

- Open the DVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the DVR.

- Install the desired HDD in its designated place; fix it using screws provided within the DVR box.

- Connect HDD communication and power cable (review DVR manual).

- Put back DVR cover and fix tightly all screws.

- Connect cameras video cables to DVR inputs.

- For PTZ camera, connect the controller cables to the DVR rear panel.

- Connect DVR power adaptor and then plug it in the power outlet.

- Turn on the DVR till log in window appear, write down password given in the manual and DVR will display all cameras connected.

Caution in Installation

- Power off the DVR whenever you install or remove the HDD.

- Power off the DVR whenever you plan to relocate it.

HD-SDI Product Line

MZSD-6030

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the main body.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 1A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment. And then fix the top cover ring to the main body by turning it clockwise.

- Use OSD button (If exists) to adjust camera picture parameter before fixing the cover ring

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZSD-6070

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the main body.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 1A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment, and then adjust Zoom and Focus using the two screws behind the lens.

- Fix the top cover ring to the main body by turning it clockwise.

- Use OSD button (If exists) to adjust camera picture parameter before fixing the cover ring

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZSD-6070V

- Un Fix 4 screws of the top cover using tool provided within the camera box, and then pull the top cover gently.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 1A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment, and then adjust Zoom and Focus using the two screws behind the lens.

- Fix the top cover ring to the main body by fixing 4 special screws back.

- Use OSD button (If exists) to adjust camera picture parameter before fixing the cover ring

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZSU-4030

- Use the mounting screws to fix the camera arm to a sturdy surface.

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor to the camera power input, and do not turn on power before you finish connecting the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

- Use OSD button (If exists) to adjust camera picture parameter.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

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MZSU-6030

- Use the mounting screws to fix the camera arm to a sturdy surface.

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor to the camera power input, and do not turn on power before you finish connecting the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

- Use OSD button (If exists) to adjust camera picture parameter.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZSU-6070

- Use the mounting screws to fix the camera arm to a sturdy surface.

- Connect video output of the camera with the video input of a DVR, considering choosing the right cable for the connection.

- Connect the power adaptor to the camera power input, and do not turn on power before you finish connecting the camera properly.

- The power adaptor must support min power of DC 12V 1 A.

- Adjust Zoom and Focus using the two adjustable positions at the camera bottom.

- Use OSD button (If exists) to adjust camera picture parameter.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

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MZSP-6100

- UN fix 4 screws of the top cover using tool provided within the camera box, and then pull the top cover gently.

- UN fix the safety screw to permit camera movement when powered.

- Connect the video& power cable to camera.

- Pass the camera cables throw the camera arm. Then rotate the arm clockwise to hold the camera body

- Use the mounting screws to fix the camera bracket to a sturdy surface. And then fix the camera arm to the bracket.

- Connect the video& power and control cables to camera.

- Please check that the power supply adaptor is 1.5A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Fix the top covering to the main body by refit the 4 special screws back.

- Power the camera and ensure camera movement until home position.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZSP-6200

- UN fix 4 screws of the top cover using tool provided within the camera box, and then pull the top cover gently.

- UN fix the safety screw to permit camera movement when powered.

- Connect the video& power cable to camera.

- Pass the camera cables throw the camera arm. Then rotate the arm clockwise to hold the camera body

- Use the mounting screws to fix the camera bracket to a sturdy surface. And then fix the camera arm to the bracket.

- Connect the video& power and control cables to camera.

- Please check that the power supply adaptor is 1.5A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Fix the top covering to the main body by refit the 4 special screws back.

- Power the camera and ensure camera movement until home position.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

(MZRS-0490FC & MZRS-0790FC & MZRS-1690FC)

- Open the DVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the DVR.

- Install the desired HDD in its designated place; fix it using screws provided within the DVR box.

- Connect HDD communication and power cable (review DVR manual).

- Put back DVR cover and fix tightly all screws.

- Connect cameras video cables to DVR inputs (Only HD-SDI camera).

- For PTZ camera, connect the controller cables to the DVR rear panel.

- Connect DVR power adaptor and then plug it in the power outlet.

- Turn on the DVR till log in window appear, write down password given in the manual and DVR will display all cameras connected.

Caution in Installation

- Power off the DVR whenever you install or remove the HDD.

- Power off the DVR whenever you plan to relocate it.

(MZRS-0490HFC & MZRS-0890HFC & MZRS-1690HFC)

- Open the DVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the DVR.

- Install the desired HDD in its designated place; fix it using screws provided within the DVR box.

- Connect HDD communication and power cable (review DVR manual).

- Put back DVR cover and fix tightly all screws.

- Connect cameras video cables to DVR inputs (SD. 960H, and HD-SDI cameras can be connected).

- For PTZ camera, connect the controller cables to the DVR rear panel.

- Connect DVR power adaptor and then plug it in the power outlet.

- Turn on the DVR till log in window appear, write down password given in the manual and DVR will display all cameras connected.

Caution in Installation

- Power off the DVR whenever you install or remove the HDD.

- Power off the DVR whenever you plan to relocate it.

IP Product Line

MZND-6030

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the main body.

- Connect the video& power cable to camera.

- Pass the camera cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 1A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply. (if camera connected to POE device, only connect UTP cable)

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment. And then fix the top cover ring to the main body by turning it clockwise.

- Use OSD button (If exists) to adjust camera picture parameter before fixing the cover ring

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZND-6070

- Gently turn the top cover counter-clockwise to unlock, and then pull free of the main body.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 1A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply. (if camera connected to POE device, only connect UTP cable)

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment, and then adjust Zoom and Focus using the two screws behind the lens.

- Fix the top cover ring to the main body by turning it clockwise.

- Use OSD button (If exists) to adjust camera picture parameter before fixing the cover ring

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZND-6070V

- Un Fix 4 screws of the top cover using tool provided within the camera box, and then pull the top cover gently.

- Connect the video& power cable to camera.

- Pass the power and video cables from the hole in the ceiling.

- Use the mounting screws to affix the main body to a sturdy surface.

- Please check that the power supply adaptor is 1A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply. (if camera connected to POE device, only connect UTP cable)

- Adjust the camera-viewing angle (by hand) using the 3-position adjustment, and then adjust Zoom and Focus using the two screws behind the lens.

- Fix the top cover ring to the main body by fixing 4 special screws back.

- Use OSD button (If exists) to adjust camera picture parameter before fixing the cover ring

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZNU-6030

- Use the mounting screws to fix the camera arm to a sturdy surface.

- Connect UTP of the camera with the video input of a NVR or network switch.

- Connect the power adaptor to the camera power input, and do not turn on power before you finish connecting the camera properly. The power adaptor must support min power of DC 12V 1 A. (if camera connected to POE device, only connect UTP cable)

- Use OSD button (If exists) to adjust camera picture parameter.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZNU-6070

- Use the mounting screws to fix the camera arm to a sturdy surface.

- Connect UTP of the camera with the video input of a NVR or network switch.

- Connect the power adaptor to the camera power input, and do not turn on power before you finish connecting the camera properly. The power adaptor must support min power of DC 12V 1 A. (if camera connected to POE device, only connect UTP cable)

- Use OSD button (If exists) to adjust camera picture parameter.

- Adjust Zoom and Focus using the two adjustable positions at the camera bottom.

Caution in Installation

- Assemble the main body of the camera quickly at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZNP-6100

- UN fix 4 screws of the top cover using tool provided within the camera box, and then pull the top cover gently.

- UN fix the safety screw to permit camera movement when powered.

- Connect the video& power cable to camera.

- Pass the camera cables throw the camera arm. Then rotate the arm clockwise to hold the camera body

- Use the mounting screws to fix the camera bracket to a sturdy surface. And then fix the camera arm to the bracket.

- Connect the video& power and control cables to camera.

- Please check that the power supply adaptor is 1.5A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Fix the top covering to the main body by refit the 4 special screws back.

- Power the camera and ensure camera movement until home position.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

MZNP-6200

- UN fix 4 screws of the top cover using tool provided within the camera box, and then pull the top cover gently.

- UN fix the safety screw to permit camera movement when powered.

- Connect the video& power cable to camera.

- Pass the camera cables throw the camera arm. Then rotate the arm clockwise to hold the camera body

- Use the mounting screws to fix the camera bracket to a sturdy surface. And then fix the camera arm to the bracket.

- Connect the video& power and control cables to camera.

- Please check that the power supply adaptor is 1.5A /DC 12V. And to avoid fire or short circuit hazard must be use a UL listed power supply.

- Fix the top covering to the main body by refit the 4 special screws back.

- Power the camera and ensure camera movement until home position.

Caution in Installation

- Assemble the main body of the camera with at a clear place to avoid dust.

- Be careful not to drop the camera and not to impact on it.

- To avoid direct light, do not install the camera in front of the sun.

- The camera only will be worked within a range of the allowable temperature mention in the specifications.

- In case of camera relocation, be sure to turn off the power and then move it.

## (MZRN-0490FP& MZRN-0890FP & MZRN-1690FP)

- Open the NVR cover by unlocks sides and back screws.

- Takeoff the cover gently to see inside the NVR.

- Install the desired HDD in its designated place; fix it using screws provided within the NVR box.

- Connect HDD communication and power cable (review NVR manual).

- Put back NVR cover and fix tightly all screws.

- Connect cameras video cables to NVR inputs (UTP cables).

- Connect POE power adaptor to the NVR rear panel. And then plug it in power outlet.

- Connect NVR power adaptor and then plug it in the power outlet.

- Turn on the NVR till log in window appear, write down password given in the manual and NVR will display all cameras connected.

Caution in Installation

- Power off the NVR whenever you install or remove the HDD.

- Power off the NVR whenever you plan to relocate it.

Precautions

Do not install the camera in extreme temperature conditions
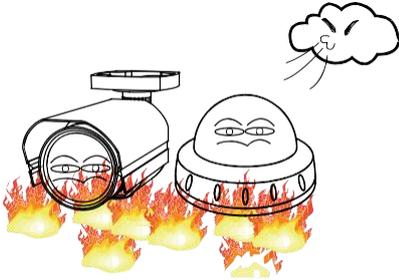
Only use the camera under conditions where temperatures are between -10°C and +50°C. Be especially careful to provide ventilation when operating under high temperatures.

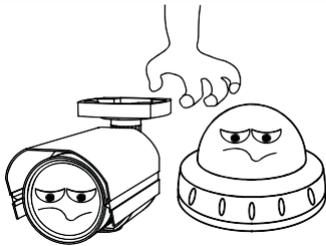Do not install or use the camera in an environment where the humidity is high
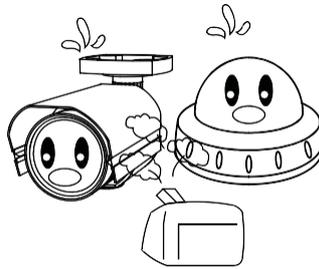
Do not install or use the camera where the humidity is high.

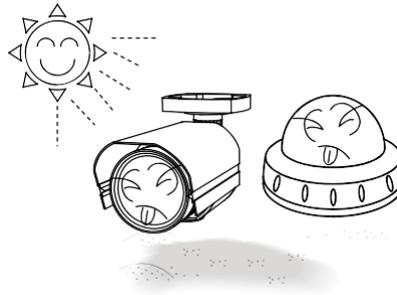Do not install the camera under unstable lighting conditions
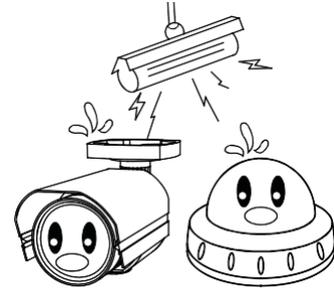
Severe lighting change or flicker can cause the camera to work improperly.
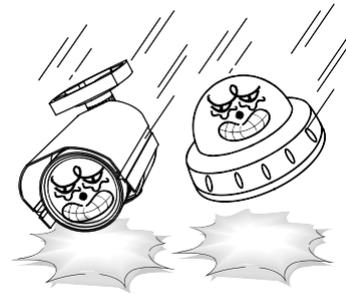
Do not touch the front lens of the camera

This is one of the most important parts of the camera. Be careful not to leave Fingerprints on the lens cover.

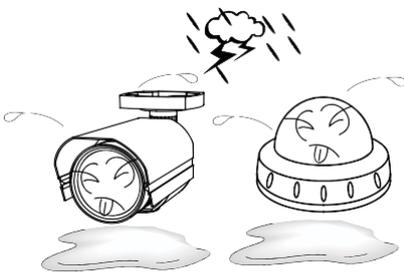Never keep the camera pointed directly at strong light.

It can cause malfunctions to occur.

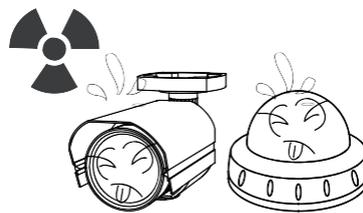Do not drop the camera or subject it to physical shocks.

Do not expose the camera to rain or spill liquids on it (unless camera is water resistant)

If it gets wet, wipe dry immediately. Liquids can contain minerals that corrode the electronic components.

Do not expose the camera to radioactivity.

If exposed to radioactivity the CCD will fail.

NOTE

* If the camera is exposed to spotlight or object reflecting strong light, smear or blooming may occur.

* Please check that the power satisfies the normal specification before connecting the camera.

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Safety Instructions

- This camera should be installed by qualified personnel only

- There are no user serviceable parts inside

- Do not disassemble this camera other than to make initial adjustments

- Use appropriate low voltage power cable to prevent ire or electrical shock

- Please insure that your installation area can support the weight of the camera

Please handle cameras carefully:

- Do not use a strong or abrasive detergent when cleaning the camera

- Do not expose the camera to direct sun

- Do not install camera in places where humidity is high

- Do not install near cooling or heating device

- Do not expose camera to rain or moisture

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