Setup Manual


• The latest manual is available for download from our web site:
  http://www.eizoglobal.com

Einrichtungshandbuch

Wichtig: Lesen Sie dieses Einrichtungshandbuch, das Anleitung sowie das Installationshandbuch aufmerksam durch, um sich mit dem sicheren und effizienten Gebrauch vertraut zu machen. Bewahren Sie dieses Handbuch zum späteren Nachschlagen auf.

• Die neueste Version des Handbuchs können Sie auf unserer Website herunterladen: http://www.eizoglobal.com

Manuel de configuration

Important : Veuillez lire attentivement le présent manuel de configuration ainsi que le Manuel d’instructions et le manuel d’installation afin de vous familiariser avec une utilisation sûre et efficace. Veuillez conserver ce manuel pour référence ultérieure.

• Le manuel le plus récent peut être téléchargé sur notre site Web:
  http://www.eizoglobal.com

设置手册

重要事项：请仔细阅读设置手册、说明手册及安装手册，以便您能了解安全及有效的使用方法。请保留本手册，以备日后参考。

• 您可从我们的网站上下载最新版的手册：http://www.eizoglobal.com
SAFETY SYMBOLS

This manual and this product use the safety symbols below. They denote critical information. Please read them carefully.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Warning Symbol]</td>
<td>Failure to abide by the information in a WARNING may result in serious injury and can be life threatening.</td>
</tr>
<tr>
<td>![Caution Symbol]</td>
<td>Failure to abide by the information in a CAUTION may result in moderate injury and/or property or product damage.</td>
</tr>
<tr>
<td>![Triangle]</td>
<td>Indicates an attention to be required. For example, the symbol ![Warning Symbol] illustrates the hazard type such as &quot;the risk of electric shock&quot;.</td>
</tr>
<tr>
<td>![No Symbol]</td>
<td>Indicates a prohibited action. For example, the symbol ![No Symbol] illustrates a particular prohibited action such as &quot;Do not disassemble&quot;.</td>
</tr>
<tr>
<td>![Downward Arrow]</td>
<td>Indicates a mandatory action that must be followed. For example, the symbol ![Downward Arrow] illustrates the notification of general prohibition such as &quot;Grounding the unit&quot;.</td>
</tr>
</tbody>
</table>

About this manual

<table>
<thead>
<tr>
<th>Manual Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Setup Manual</strong> <em>(this manual)</em></td>
<td>Describes precautions and setup processes from network camera connection to camera image display.</td>
</tr>
<tr>
<td><strong>Instruction Manual</strong></td>
<td>Describes operation of network cameras and live image screen menus, etc.</td>
</tr>
<tr>
<td><strong>Installation Manual</strong></td>
<td>Describes network camera registration and function setup, monitor system setup, etc.</td>
</tr>
</tbody>
</table>

*1 PDF file on the CD-ROM (Installation of Adobe Acrobat Reader is required.)

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**PRECAUTIONS**

**IMPORTANT**

To ensure personal safety and proper maintenance, please read carefully this section and the caution statements on the monitor.

**Location of the Caution Statements**

![Caution Statements Location](image)

---

**WARNING**

If the unit begins to emit smoke, smells like something is burning, or makes strange noises, disconnect all power connections immediately and contact your local EIZO representative for advice.

Attempting to use a malfunctioning unit may result in fire, electric shock, or equipment damage.

**Do not open the cabinet or modify the unit.**
Opening the cabinet or modifying the unit may result in fire, electric shock, or burn.

**Refer all servicing to qualified service personnel.**
Do not attempt to service this product yourself as opening or removing covers may result in fire, electric shock, or equipment damage.

**Keep small objects or liquids away from the unit.**
Small objects accidentally falling through the ventilation slots into the cabinet or spillage into the cabinet may result in fire, electric shock, or equipment damage. If an object or liquid falls/ spills into the cabinet, unplug the unit immediately. Have the unit checked by a qualified service engineer before using it again.

**Place the unit at the strong and stable place.**
A unit placed on an inadequate surface may fall and result in injury or equipment damage. If the unit falls, disconnect the power immediately and ask your local EIZO representative for advice. Do not continue using a damaged unit. Using a damaged unit may result in fire or electric shock.
WARNING

Use the unit in an appropriate location.
Not doing so may result in fire, electric shock, or equipment damage.
• Do not place outdoors.
• Do not place in a transportation system (ship, aircraft, train, automobile, etc.) where it may be affected by strong vibration or shock.
• Do not place in a dusty or humid environment.
• Do not place in environments with corrosive gases (such as sulfur dioxide, hydrogen sulfide, nitrogen dioxide, chlorine, ammonia, and ozone).
• Do not place in environments with dust, components that accelerate corrosion in the atmosphere (such as sodium chloride and sulfur), conductive metals, and so on.
• Do not place in a location where water is splashed on the screen (bathroom, kitchen, etc.).
• Do not place in a location where the steam comes directly on the screen.
• Do not place near heat generating devices or a humidifier.
• Do not place in a location where the product is subject to direct sunlight.
• Do not place in an inflammable gas environment.

To avoid danger of suffocation, keep the plastic packing bags away from babies and children.

Use the enclosed power cord and connect to the standard power outlet of your country.
Be sure to remain within the rated voltage of the power cord. Not doing so may result in fire or electric shock.
Power supply: 100-120/200-240 Vac 50/60Hz

To disconnect the power cord, grasp the plug firmly and pull.
Tugging on the cord may damage and result in fire or electric shock.

The equipment must be connected to a grounded main outlet.
Failure to do so may result in fire or electric shock.

Use the correct voltage.
• The unit is designed for use with a specific voltage only. Connection to another voltage than specified in this User’s Manual may cause fire, electric shock, or equipment damage.
• Do not overload your power circuit, as this may result in fire or electric shock.

Handle the power cord with care.
• Do not place the cord underneath the unit or other heavy objects.
• Do not pull on or tie the cord.
If the power cord becomes damaged, stop using it. Use of a damaged cord may result in fire or electric shock.

Never touch the plug and power cord if it begins to thunder.
Touching them may result in electric shock.

When attaching an arm stand, please refer to the user’s manual of the arm stand and install the unit securely.
Otherwise, the unit may become detached, resulting in injury and/or equipment damage. If the unit falls, please ask your local EIZO representative for advice. Do not continue using a damaged unit. Using a damaged unit may result in fire or electric shock. When reattaching the tilt stand, please use the same screws and tighten them securely.
**WARNING**

Handle the batteries for the remote control with care. Not doing so may result in battery explosion, liquid leakage, or burns.

- Do not disassemble, heat, short-circuit, or immerse the provided batteries in water.
- Install/change batteries in a correct way.
- When replacing batteries, use ones of the same type and model.
- When replacing batteries, replace all of them at the same time with new batteries of the same brand and type.
- Insert batteries with correct direction of the plus (+) and minus (-) sides.
- Do not use the battery with coating damaged.
- Dispose of your battery in a designated disposal area.

**Do not touch a damaged LCD panel directly with bare hands.**
The liquid crystal that may leak from the panel is poisonous if it enters the eyes or mouth. If any part of the skin or body comes in direct contact with the panel, please wash thoroughly. If some physical symptoms result, please consult your doctor.

**CAUTION**

Handle with care when carrying the unit. Disconnect the power cord and cables when moving the unit. Moving the unit with the cord attached is dangerous. It may result in injury.

When carrying the unit, grasp and hold it firmly by the bottom as shown in the illustration on the right. Dropping the unit may result in injury or equipment damage.

**Do not block the ventilation slots on the cabinet.**
- Do not place any objects on the ventilation slots.
- Do not install the unit in a place with poor ventilation or inadequate space.
- Do not use the unit laid down or upside down.
Blocking the ventilation slots prevents proper airflow and may result in fire, electric shock, or equipment damage.

**Do not touch the plug with wet hands.**
Doing so may result in electrical shock.

**Use an easily accessible power outlet.**
This will ensure that you can disconnect the power quickly in case of a problem.

**Periodically clean the area around the plug.**
Dust, water, or oil on the plug may result in fire.

**Unplug the unit before cleaning it.**
Cleaning the unit while it is plugged into a power outlet may result in electric shock.

If you plan to leave the unit unused for an extended period, disconnect the power cord from the wall socket after turning off the power for safety and power conservation.
# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRECAUTIONS</td>
<td>2</td>
</tr>
<tr>
<td>IMPORTANT</td>
<td>2</td>
</tr>
<tr>
<td>CONTENTS</td>
<td>5</td>
</tr>
<tr>
<td>Package Contents</td>
<td>6</td>
</tr>
<tr>
<td>Setup</td>
<td>6</td>
</tr>
<tr>
<td>● Setup Flow</td>
<td>6</td>
</tr>
<tr>
<td>● Connect the network camera(s)</td>
<td>7</td>
</tr>
<tr>
<td>● Prepare the remote control</td>
<td>8</td>
</tr>
<tr>
<td>● Perform Easy Setup</td>
<td>9</td>
</tr>
<tr>
<td>Reference</td>
<td>17</td>
</tr>
<tr>
<td>● How to Attach the Optional Arm</td>
<td>17</td>
</tr>
<tr>
<td>● Connecting HDMI Devices</td>
<td>18</td>
</tr>
<tr>
<td>● Specifications</td>
<td>20</td>
</tr>
<tr>
<td>● Display capability</td>
<td>21</td>
</tr>
<tr>
<td>● Outside Dimensions</td>
<td>21</td>
</tr>
</tbody>
</table>
Package Contents

Check that all the following items are included in the packaging box. If any items are missing or damaged, contact your local EIZO representative.

Note

• Please keep the packaging box and materials for future movement or transport of the monitor.

- Monitor
- Power cord
- HDMI cable (HH200HS)
- Remote control
- AA batteries (2 pcs)
- Setup Manual (this manual)
- EIZO LCD Utility Disk (CD-ROM)

Setup

Setup Flow

The setup flow for displaying images of network cameras on the monitor is shown below. For details of each process, refer to the corresponding pages.

Connect the network camera(s) (page 7)

Prepare the remote control (page 8)

Perform Easy Setup (page 9)

Set the following items using the setup wizard.

• Date and time on the monitor
• Monitor network information
• Automatic discovery of network cameras
• Display positions of camera images

Setup completed.
Images from the network camera(s) are displayed on the monitor.

Attention

• When using the Easy Setup function, only the network cameras installed in the same subnet as the monitor are detected. If a network camera is installed in a different subnet, the camera must be registered manually (For more information, refer to the Installation Manual ("Chapter2 Configuring from the Monitor Screen")).
**Connect the network camera(s)**
Connect the network camera and the monitor according to the following procedure.

1. **Connect the network camera to the monitor via the network hub.**
   1. Connect the network cable (straight cable, Cat 5e or higher) to the monitor and the LAN port of the network hub.

![Diagram of network camera and network hub connection](image)

*1 Use a hub compatible with 1000Base-T. For some network cameras, the hub must be compatible with the PoE function. Check the network camera’s manual for information on the appropriate hub to use.

2. Connect the network camera to the network hub.
   For connecting the network camera and the network hub, refer to the network camera’s manual.

   **Connection examples**

![Diagram of network camera and network hub connection](image)

**Note:**
- A maximum of 16 network cameras can be connected.

2. **Plug the power cord into a power outlet and the power connector on the monitor.**

![Diagram of power cord](image)

**Attention:**
- Do not bundle cables when wiring.
Prepare the remote control
Insert batteries into the remote control. The remote control is used for operating and configuring this monitor.

1. On the back of the remote control, press the knob to unlock, and remove the cover.

2. Input AA batteries, and slide the cover back.

Attention
• Use the remote control within the range illustrated in the diagram below.

• When installing multiple monitors, leave sufficient space between each monitor so that only the intended monitor will be operated by the remote control. Otherwise, all monitors that receive the remote control signal will operate accordingly.

Note
• The monitor can be operated by a USB mouse (limited to menu operation) without using the remote control. Connect the mouse to the USB downstream port at the back of the monitor.
Perform Easy Setup
Necessary settings for displaying network camera images on the monitor.

1. Start up the network camera(s).
For network camera setup, refer to the network camera’s manual.

Attention
• This product uses ONVIF to connect to other than Panasonic network cameras. Check if ONVIF is enabled in the settings of the camera.

2. Press POWER on the remote control to turn on the monitor.
The live image screen is displayed.

Note
• The monitor can also be turned on by pressing  on the front of the monitor.

Attention
• The monitor starts up in approximately one minute. (A rotating bar indicating startup is displayed.) Do not turn off the monitor during startup.
• When the monitor is started up for the first time, a menu for operating the monitor and network cameras is displayed.
• When no network camera is registered, a "Not Registered" message is displayed at the network camera image display area.
3. Start the Easy Setup function from the menu.
If the menu is not displayed, press FULL to display the menu.

Menu Operations

Display mode menu: Operate the menu with the function buttons.
(FULL, LAYOUT, Smart, SEQUENCE, PAGE-, PAGE+)

System setup menu / Camera control menu:
- To select an item
  Press the ▲ / ▼ / ◀ / ▶ buttons.
  (The currently selected item is lit up in green.)
- To confirm a selected item
  Press ENTER.
- To change a setting
  1. Press ENTER.
  (The list box is highlighted in green.)
  2. Select the setting with ▲ or ▼.
  3. Press ENTER.
  *When canceling a setting change in process, press RETURN
- To return to the previous menu level
  Press RETURN

4. Check that (Login) is selected and press ENTER.
The login screen is displayed.

Note
• The currently selected item is lit up in green.

5. Enter the “Username” and the “Password”.

1. Select a text field and press ENTER.
The text field is highlighted in green.

2. Enter the username or password shown below and then press ENTER.
   Username: “admin”
   Password: “admin”

Note
• The above username and password are default settings.
To enter characters

- Press the number buttons (0 to 9).
- Press a button consecutively to change over to the character next in order. For the order of character entry, refer to the table shown below.

<table>
<thead>
<tr>
<th>Button</th>
<th>Input characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0 - _ : . / (space)</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>a b c A B C 2</td>
</tr>
<tr>
<td>3</td>
<td>d e f D E F 3</td>
</tr>
<tr>
<td>4</td>
<td>g h i G H I 4</td>
</tr>
<tr>
<td>5</td>
<td>j k l J K L 5</td>
</tr>
<tr>
<td>6</td>
<td>m n o M N O 6</td>
</tr>
<tr>
<td>7</td>
<td>p q r s P Q R S 7</td>
</tr>
<tr>
<td>8</td>
<td>t u v T U V 8</td>
</tr>
<tr>
<td>9</td>
<td>w x y z W X Y Z 9</td>
</tr>
</tbody>
</table>

- To enter a new character, press >.
- To delete a character, press CLEAR.

**Note**

- When using a mouse to enter characters, click “Keyboard”. Then click the keys on the displayed keyboard to enter characters.
- Entering network addresses
  Network address text fields are separated by [.] (a period mark).
  - When a three-digit number is entered, the cursor automatically moves to the next entry position.
  - When entering a two-digit or one-digit number, press > to move to the next entry position.
  - When using a mouse, enter [.] (a period mark) to move to the next entry position.

6. Select “Login” and press ENTER.

   The screen returns to the live image screen and (Setup) becomes available.

   ![Setup Icon]

7. Select (Setup) and press ENTER.

   The setup screen is displayed.

8. Check that “Easy Setup” is selected and press ENTER.
9. Check that “Start” is selected and press ENTER.

The Easy Setup wizard starts and the date/time setup screen is displayed.

10. Set the date and time on the monitor.

1. Select “Date/Time Display Settings” and press ENTER.
2. Set the “Date Format”, “Time Format” and “Time Zone”.
   - Select the list box of an item and press ENTER.
   - Select a setting with \( \wedge \) or \( \vee \) and press ENTER.
3. After completing the setting, select “Apply” and press ENTER.
   - The setting complete screen is displayed. Press ENTER to select “OK”.
4. Press RETURN.
5. Select “Clock Setting” and press ENTER.
6. Set the “Year”, “Month”, “Day”, “Hour”, and “Minute”.
   - Select the list box of an item and press ENTER.
   - Select a setting with \( \wedge \) or \( \vee \) and press ENTER.
7. After completing the setting, select “Apply” and press ENTER.
   - The setting complete screen is displayed. Press ENTER to select “OK”.
8. Press RETURN.
9. Select “Next” and press ENTER.
   - The network settings screen is displayed.
11. Set monitor network information.

1. Check that “IP Setting Method” is selected and press ENTER.
   Select a setting with ▲ or ▼ and press ENTER.
   If you selected “Manual Setting”, proceed to step 2.
   If you selected “DHCP”, proceed to step 3.

2. Set the “IP Address”, “Subnet Mask” and “Gateway”.
   Select the list box of an item and press ENTER.
   Input the respective values. For details on the data entry method, refer to “To enter characters” (page 11).

   **Attention**
   • If your network environment does not include a gateway, you do not need to set the “Gateway” address.
     Use the default setting as is, or set as “0.0.0.0”.

3. After completing the setting, select “Apply” and press ENTER.
   The setting complete screen is displayed. Press ENTER to select “OK”.

4. Select “Next” and press ENTER.
   The network camera automatic discovery screen is displayed.

1. Check that “Start” is selected and press ENTER.
   The user authentication screen is displayed.

2. Enter the “Username” and “Password” specified in the network camera.
   The following values are entered as the default settings:
   - Username: "admin"
   - Password: “12345”
   These are the default settings for Panasonic network cameras. Change the settings if necessary.

3. Select “OK” and press ENTER.
   “Searching” is displayed.
   Information on discovered network cameras are displayed.

4. After the search is completed, select “Next” and press ENTER.
   The network camera display position settings screen is displayed.

**Note**

- The displayed camera name is the name set on the camera side. If cameras have identical names, they are automatically numbered (e.g. camera_1).
- When network cameras are not automatically detected, see “Chapter 4 Troubleshooting” in the Installation Manual.
13. Set the positions for displaying the network camera images.

1. Press ENTER.
   The “After Change” list box is selected.

2. Set a network camera to a position for displaying images.
   Select the list box of a display position you wish to set and press ENTER.
   Select a network camera with \ or V and press ENTER.

3. After completing the setting, press RETURN.
4. Select “Next” and press ENTER.

Attention
• All cameras discovered at step 12 must be set. A network camera can only be set for one display position.
  When there are incorrect settings, “Next” cannot be selected.


1. Check that “End” is selected and press ENTER.
   The setting complete screen is displayed. Press ENTER to select “OK”.

Easy Setup is completed.
15. Close the setup screen.

1. Select “Return” and press ENTER.
2. Select “Exit” and press ENTER.

The screen returns to the live image screen.

Check that images from the network camera(s) are displayed on the monitor.

(Example)
How to Attach the Optional Arm

An optional arm (or an optional stand) can be attached by removing the stand section. Please refer to our web site (http://www.eizoglobal.com) for the corresponding optional arm (or optional stand).

Attention

- When attaching an arm or stand, follow the instructions of their user's manual.
- When using another manufacturer's arm or stand, confirm the following in advance and select one conforming to the VESA standard. Use the screws securing the unit and the stand.
  - Clearance between the screw holes: 100 mm × 100 mm
  - Thickness of plate: 2.6 mm
  - Strong enough to support weight of the monitor unit (except the stand) and attachments such as cables.
- When using an arm or stand, attach it to meet the following tilt angles of the monitor.
  - Up 45°, down 45°
- Do not turn the monitor in the vertical direction.
- Connect the cables after attaching an arm or stand.
- The monitor and arm or stand are heavy. Dropping them may result in injury or equipment damage.
- Periodically check the tightening of screws. If screws are loose, the monitor may detach and cause injury or equipment damage.

Procedure

1. Lay the LCD monitor on a soft cloth spread over on a stable surface with the panel surface facing down.

2. Remove the stand.

   Prepare a screwdriver. Loosen the screws (four) securing the unit and the stand with the screwdriver.

3. Attach the arm or stand to the monitor.

   Secure the monitor to the arm or stand using the screws specified in the user's manual of the arm or stand.
Connecting HDMI Devices
Connect an HDMI device to this product to switch over the network camera display to the HDMI device.

Connection examples

Compatible Resolutions/Formats
The monitor supports the following resolutions and signal format.

PC Signal

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Applicable Signals</th>
<th>Vertical Scan Frequency</th>
<th>Dot Clock</th>
</tr>
</thead>
<tbody>
<tr>
<td>640 × 480</td>
<td>VGA, CEA-861</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>720 × 400</td>
<td>VGA TEXT</td>
<td>70 Hz</td>
<td></td>
</tr>
<tr>
<td>720 × 480 (4:3)</td>
<td>CEA-861</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>720 × 480 (16:9)</td>
<td>CEA-861</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>720 × 576 (4:3)</td>
<td>CEA-861</td>
<td>50 Hz</td>
<td></td>
</tr>
<tr>
<td>720 × 576 (16:9)</td>
<td>CEA-861</td>
<td>50 Hz</td>
<td></td>
</tr>
<tr>
<td>800 × 600</td>
<td>VESA</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1024 × 768</td>
<td>VESA</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1280 × 720</td>
<td>CEA-861</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1280 × 960</td>
<td>VESA</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1280 × 1024</td>
<td>VESA</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1680 × 1050</td>
<td>VESA CVT, VESA CVT RB</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1920 × 1080*1</td>
<td>CEA-861</td>
<td>60 Hz</td>
<td>148.5 MHz (Max.)</td>
</tr>
</tbody>
</table>

*1 Recommended resolution

Video Signal
- 480p / 720p / 1080p: 60 Hz
- 576p / 720p / 1080p: 50Hz

To switch among input signals
Press INPUT on the remote control to change over the input signal.
When the signal is switched, the active input port name appears at the top right corner of the screen.

Note
- SIGNAL on the monitor also can change the input.
Adjusting screen brightness

Adjust the brightness of the monitor screen by changing the brightness of the backlight (light source at the back of the LCD panel).

**Adjustable range**

0 to 100

**Procedure**

1. Press BRIGHT- or BRIGHT+ on the remote control.
   The brightness adjustment menu is displayed.

2. Set the brightness with BRIGHT- or BRIGHT+.
   The menu disappears automatically after approximately five seconds.

Specifying color space

The color space of the input signal can be specified. Change the settings when colors are not displayed accurately.

**Attention**

- “Auto” cannot be selected during PC signal input.

**Adjustable range**


**Procedure**

1. Press MENU on the remote control.
   The Adjustment menu is displayed.

2. Select “Color Space” with ▲ or ▼ and press ENTER.
3. Use ▲ or ▼ for adjustment.

4. Press ENTER.
5. Press MENU to exit the Adjustment menu.
## Specifications

<table>
<thead>
<tr>
<th>LCD Panel</th>
<th>Type</th>
<th>IPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backlight</td>
<td>LED</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>58 cm (23.0 inch) (58.4 cm diagonal)</td>
<td></td>
</tr>
<tr>
<td>Native resolution</td>
<td>1920 dots × 1080 lines</td>
<td></td>
</tr>
<tr>
<td>Display size (H × V)</td>
<td>509.1 mm × 286.4 mm</td>
<td></td>
</tr>
<tr>
<td>Pixel pitch</td>
<td>0.2652 mm</td>
<td></td>
</tr>
<tr>
<td>Display colors</td>
<td>8-bit colors : 16.77 million colors</td>
<td></td>
</tr>
<tr>
<td>Viewing angles (H / V, typical)</td>
<td>178˚ / 178˚</td>
<td></td>
</tr>
<tr>
<td>Contrast ratio (typical)</td>
<td>1000 : 1</td>
<td></td>
</tr>
<tr>
<td>Response time (typical)</td>
<td>Approx. 16 ms (black - white - black)</td>
<td>Approx. 8 ms (gray-to-gray)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAN</th>
<th>Standard</th>
<th>IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Communication speed</td>
<td>1000 Mbps, 100 Mbps</td>
</tr>
<tr>
<td></td>
<td>Protocols</td>
<td>TCP/IP</td>
</tr>
<tr>
<td></td>
<td>IP version</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video signal (network)</th>
<th>Terminal</th>
<th>RJ-45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video compression format</td>
<td>H.264, MJPEG</td>
<td></td>
</tr>
<tr>
<td>Maximum resolution</td>
<td>H.264 : 1920 × 1080</td>
<td></td>
</tr>
<tr>
<td>MJPEG : 640 × 480</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum frame rate</td>
<td>30 fps</td>
<td></td>
</tr>
<tr>
<td>Maximum bit rate</td>
<td>8192 kbps</td>
<td></td>
</tr>
<tr>
<td>Number of displayed network cameras</td>
<td>Max. 16 units</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video signal (HDMI)</th>
<th>Input terminals</th>
<th>HDMI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital signal transmission system</td>
<td>TMDS (Single Link)</td>
<td></td>
</tr>
<tr>
<td>Digital scanning frequency (H / V)</td>
<td>31 kHz to 68 kHz / 49 Hz to 61 Hz (VGA TEXT : 69 Hz to 71 Hz)</td>
<td></td>
</tr>
<tr>
<td>Applicable video signal formats</td>
<td>480 p / 720 p / 1080 p : 60 Hz</td>
<td></td>
</tr>
<tr>
<td>576 p / 720 p / 1080 p : 50 Hz</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USB</th>
<th>Port</th>
<th>Downstream port × 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>USB Specification Revision 2.0</td>
<td></td>
</tr>
<tr>
<td>Communication speed</td>
<td>480 Mbps (high), 12 Mbps (full), 1.5 Mbps (low)</td>
<td></td>
</tr>
<tr>
<td>Supply current</td>
<td>Max. 500mA / 1 port</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power supply</th>
<th>Input</th>
<th>100-120 VAC ± 10%, 50 / 60 Hz 0.65 A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200-240 VAC ± 10%, 50 / 60 Hz 0.4 A</td>
<td></td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>61 W or less</td>
<td></td>
</tr>
<tr>
<td>Standby mode</td>
<td>33 W or less (with “Quick Start” set to “On”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.0 W or less (with “Quick Start” set to “Off”)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical specifications</th>
<th>Dimensions</th>
<th>563.5 mm × 411.5 mm × 157 mm (W × H × D) (tilt : 0˚)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dimensions (without stand)</td>
<td>563.5 mm × 325 mm × 63 mm (W × H × D)</td>
</tr>
<tr>
<td></td>
<td>Net weight</td>
<td>Approx. 7.9 kg</td>
</tr>
<tr>
<td></td>
<td>Net weight (without stand)</td>
<td>Approx. 5.5 kg</td>
</tr>
<tr>
<td></td>
<td>Tilt</td>
<td>Up 30˚, down 0˚</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operating environmental specifications</th>
<th>Temperature</th>
<th>0 °C to 35 °C (32 °F to 95 °F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>20 % to 80 % R.H. (no condensation)</td>
<td></td>
</tr>
<tr>
<td>Air pressure</td>
<td>540 hPa to 1,060 hPa</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transportation/Storage environmental specifications</th>
<th>Temperature</th>
<th>-20 °C to 60 °C (-4 °F to 140 °F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>10 % to 90 % R.H. (no condensation)</td>
<td></td>
</tr>
<tr>
<td>Air pressure</td>
<td>200 hPa to 1,060 hPa</td>
<td></td>
</tr>
</tbody>
</table>
**Display capability**

The table below shows the display capability of this product:

<table>
<thead>
<tr>
<th>Display Capability</th>
<th>Resolution</th>
<th>Frame Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>H.264 (when the “Bit rate” is set at “4096kbps”)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1-screen display</td>
<td>1920 × 1080</td>
<td>30 fps</td>
</tr>
<tr>
<td>At 4-screen display</td>
<td>1920 × 1080</td>
<td>20 fps</td>
</tr>
<tr>
<td>At 8-screen display</td>
<td>1280 × 720</td>
<td>20 fps</td>
</tr>
<tr>
<td>At 9-screen display</td>
<td>1280 × 720</td>
<td>20 fps</td>
</tr>
<tr>
<td>At 16-screen display</td>
<td>640 × 480</td>
<td>30 fps</td>
</tr>
</tbody>
</table>

**MJPEG**

640 x 480 / 30 fps

**Attention**

- The above values are provided for reference purposes. Images are not displayed properly when display capability is exceeded because of network camera settings, network installation environment or other reasons. When images are not displayed properly, reduce the network camera resolution and bit rate. Set network camera settings in accordance with the camera’s manual.

**Outside Dimensions**

Unit: mm