

# Surveillance Monitor

## USER MANUAL



- Please read this manual carefully before operating your monitor.
- Keep a record of the monitors model- and serial number.
- Refer to the the label attached to the back of the monitor and packaging and quote this to your dealer when you require service.

## WARNING

## WARNING



### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN



## WARNING

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions accompanying the appliance.

## REGULATORY INFORMATION

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, it may cause harmful interference to radio communications; however, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio/monitor technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## CAUTION

Do not attempt to modify this product in any way without authorization from Ernitec Technical Support. Unauthorized modification will void the product's warranty.

## SAFETY INSTRUCTIONS

### Safety instructions

#### WARNING

To reduce the risk of fire or electric shock, do not expose the monitor to rain or moisture.

Do not operate the monitor in wet environments. Do not place drinks or other liquids on or near the monitor.

#### IMPORTANT SAFETY INSTRUCTIONS

Read these instructions and keep them for future reference.



Do not install the monitor near any significant sources of heat.



Do not use the monitor near water.



Disconnect power if the monitor will not be used for long periods of time.



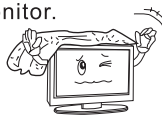
Clean the cabinet only with a dry cloth.



Ensure all cables are properly stowed and not pinched anywhere.



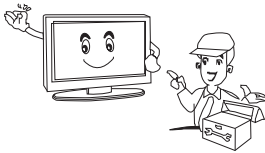
Provide adequate ventilation around the proximity of the monitor.



Only use attachments and accessories specified by Ernitec.

## SAFETY INSTRUCTIONS

When the unit requires repairs, please contact your vendor or Ernitec Technical Support.



### Note

- The monitor may "flicker" momentarily when turned on while cold. This is normal.
- Pixel errors in the form of tiny red, green or blue dots may appear on the screen, these do not adversely affect the monitors performance.

### On Disposal

Under the Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), product(s) used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

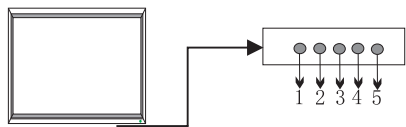
Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

# INTRODUCTION

## 1.Introduction

### 1.1 Controls

-Simplified control panel



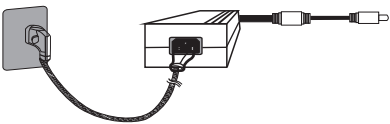
ITEM	BUTTON NAME	FUNCTION DESCRIPTION
1	AUTO	Press to select the input source and make menu selections.
2	—	Lower audio volume.
3	+	Increase audio volume.
4	MENU	Press to enter and exit the monitor's configuration menu.
5	POWER	Press to turn the monitor on and off.

### 1.2 Accessories

The following accessories are included with the monitor:



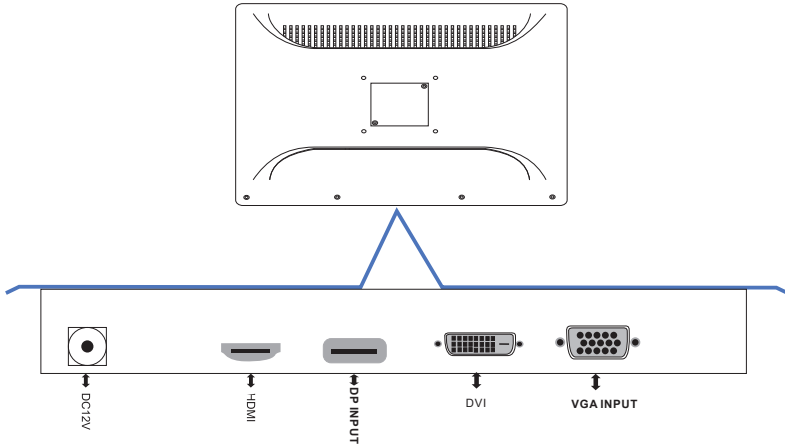
User manual  
Safety instructions



Power adapter

# CONNECTION OPITONS

## 1.3 Connection Options



ITEM	NAME	DESCRIPTION
1	DC 12V	Power adapter
2	HDMI	HDMI video input
3	DP	DP video input
4	VGA	VGA video input
5	DVI	DVI video input

### Input source

- Automatic selection

VGA

DVI

HDMI

Display Port

## Basic OSD setup

## Button OSD Function:

- “Power” : Turn on/off Device
- “Menu” : (1)Open Menu OSD  
(2) Come Go back to last Menu
- “AUTO” : select the input source
- “+” : (1)Confirm Menu Selection  
(2) Adjust Option “1-100”Selection
- “-” : (1)Adjust Menu Selection  
(2) Adjust Selection

## 2.1 OSD “Color” Menu

[illegible]

# Basic OSD setup

## 2.2 OSD “Input Source” Menu

Brightness / contrast	Auto Select	
Color Setting	VGA	
Input Source	DVI	
Display Settings	HDMI	
Other Settings	DisplayPort	
Information		
Auto Adjust		

## 2.3 OSD “Display Settings” Menu

Brightness / contrast	Gammna	Off
Color Setting	H.Position	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> 50
Input Source	V.Position	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> 50
Display Settings	Clock	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> 50
Other Settings	Phase	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> 50
Information	Aspect Ratio	Full
Auto Adjust	AutoSleep	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> 30
	PreventBurns	Off



## Basic OSD setup

## 2.4 OSD “Brightness” Menu

[illegible]

## 2.5 OSD “Other” Menu

The screenshot shows the OSD menu with the following settings:

- Brightness / contrast
- Color Setting
- Input Source
- Display Settings
- Other Settings** (highlighted with a red box)
- Information
- Auto Adjust
- Language
- Volume
- OSD Transparency
- OSD H.Position
- OSD V.Position
- OSD Timeout
- OSD Rotation
- User Reset
- English

## PRODUCT CRITERIA

### 2.6 OSD “Information” Menu

Brightness / Contrast	Resolution : 1920 x 1080	
Color Setting	H.Preq : 68 KHz	
Input Source	V.Frep : 60 Hz	
Display Settings	V.Total : 1125 Lines	
Other Settings	Color Format : RGB	
Information		
Auto Adjust		

### 3.Troubleshooting

**When experiencing problems, consult the following before contacting your dealer or Ernitec Technical Support**

PROBLEM	POSSIBLE SOLUTION
No sound picture	<ul style="list-style-type: none"> <li>- Check that the monitor's power connection is secure.</li> <li>- Press the POWER button on the front of the monitor.</li> <li>- Adjust the picture quality settings.</li> </ul>
Normal picture but no sound	<ul style="list-style-type: none"> <li>- Check the volume setting</li> <li>- Check the Monitor's audio connection is secure</li> </ul>
Power is suddenly turned off	<ul style="list-style-type: none"> <li>- Ensure the sleep timer function is not set.</li> <li>- Check that the monitor's power connection is secure.</li> <li>- Check that the monitor's input connection is secure.</li> </ul>
Picture appears slowly after switching on	<ul style="list-style-type: none"> <li>- Normal operation as monitor warms up.</li> </ul>
Poor color or picture quality	<ul style="list-style-type: none"> <li>- Adjust picture quality settings.</li> <li>- Check that the monitor's input connection is secure.</li> </ul>
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none"> <li>-Check for local interference such as an electrical appliance or power tool.</li> </ul>
No output from one of the speakers	<ul style="list-style-type: none"> <li>- Adjust audio balance.</li> </ul>

## TROUBLE SHOOTING

**NOTE:** Problem & possible solutions. (Only applied to VGA mode)

PROBLEM	POSSIBLE SOLUTION
The signal is out of range	<ul style="list-style-type: none"><li>-Adjust resolution,horizontal frequency,or vertical frequency.</li><li>-Check it whether the signal cable is connected or loose.</li><li>-Check to see if the signal cable is connected or loose.</li></ul>
Vertical bar or stripe on screen, horizontal noise or incorrect position	<ul style="list-style-type: none"><li>-Work the auto configure or adjust clock,phase,or H/V position.</li></ul>
Screen color is unstable or single color	<ul style="list-style-type: none"><li>-Check the signal cable.</li><li>-Reinstall the PC video card.</li></ul>

## 4.Maintenance

Ensure power is removed from the monitor before performing any maintenance.

### Cleaning the screen

Wipe the screen with a soft, damp, lint-free cloth. Allow the screen to dry before applying power. Do not use abrasive cleaners.

### Cleaning the cabinet

Wipe the cabinet with a soft, dry, lint-free cloth. Do not use a wet cloth or abrasive cleaners.

### Extended Storage



If you anticipate to store the monitor for extended periods of time or otherwise not turning the monitor on, disconnect the monitors power cable.

