User Manual

BLO-Line series

BLO-Line monitors from 61.0 cm (24")

Copyright

Table of Contents

1. General Specifications

Scope of Document

This user manual is valid for BLO-Line monitors from 61.0 cm (24") up to 163.8 cm (64.5"). The BLO-Line monitors are offered in different screen sizes. All monitors are equipped with a special F30 fire protection glass and a temperature fuse for voltage-free switching from a certain temperature. The series is designed for use in fire load and flue gas sensitive environments. The monitors correspond to fire protection class A1-s1, d0.

Important note: This user manual is complemented by other additional documents when indicated.

All documents are also available for download from Distec web site: www.distec.de/en.

BLO-Line monitor versions:

BLO-Line PME: Monitor with integrated controller, 1 x RGB, 1 x HDMI, 1 x Display Port.
BLO-Line IQ: Monitor with integrated PC Intel® Atom, E3845-19 CPU, 1.9 GHz.
BLO-Line VideoPoster: Monitor with integrated media player for video play lists
BLO-Line IoT: Monitor with integrated Raspberry Pi Compute module 3

2. Scope of Delivery

When unpacking the monitor, please check if the following accessories are included in the shipment:

Note: Pictures can differ from actually supplied products.

Product information   Power cable

Certificate fire load   USB stick[1]   Screw cover[3]

1 - only with VideoPoster monitors

2 - only with IoT monitors

3 - only with 64.5" monitors

3.　General Safety Regulations

Safety information

Please read this safety information carefully for your personal safety and for the prevention of property damage.

In case of a malfunction, immediately disconnect the power plug and contact your dealer or the next Data Display Group service centre. A malfunction is also considered if the housing, a control element or cable is damaged or if liquids or other objects penetrate the monitor.

Please read the safety information carefully before installing the device. If you have any doubts about whether the device may be used in a particular environment, please contact our service partner.

Repairs

Repairs may only be carried out by authorized technical personnel. Unauthorized access or improper repairs might cause serious property damage or cause danger to the user. In addition to that, any legitimate warranty claim expires.

Electrical connection

Disconnect the monitor from socket before executing any work. Do not touch or connect data cables or power cables during thunderstorms.

System start-up

Before the system start-up let the monitor adjust to the room temperature. Do not expose the device to direct heat sources. In case of condensation, please wait a minimum of 12 hours before switching on the monitor. The monitor shall only be installed and used according to this documentation data sheets. Only qualified personnel may perform the initial installation and system setup.

Qualified personnel

Qualified personnel, in terms of the safety information of this documentation, are persons who are qualified to activate, ground and label devices, systems and circuits according to the safety standards.

Operation

For a proper and safe utilization of the product, adequate transportation, storage, installation, assembly, careful handling and maintenance are essential. The device is only certified for in-door operation. Extreme ambient conditions shall be avoided and the monitor shall be protected from dust, humidity and heat. Do not expose the monitor to direct sunlight.

Transport

Unpack the monitor at the place of installation. Use only original packaging for transportation. Please observe these rules for any later transport.

Condensation

Avoid condensation during transport at low temperatures or at extreme fluctuations of temperature.

Safety guidelines for the handling of LCD monitors

- If the device is not used for a long period of time, unplug the power cable.
- Do not unplug the power cable while the device is powerd on, except for emergencies.
- To unplug the device without problems, sockets have to be easily accessible.
- Ensure that the power cable does not get pinched or kinked.
- Do not place heavy objects on the power cable.
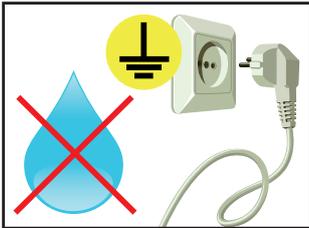
- Do not use damaged or loose sockets to plug in the device.
- Plug the device in earthed sockets only.
- Operate the device with the power cables included in the delivery packet only.
- Use undamaged power cables only.
- When plugging in and out, do not touch the power cable with wet hands.
- Ensure that the power cable is plugged in the socket safely and correctly.
- Use for devices with external power supply only the supplied original power supply, or an equivalent Low Power Source (LPS).
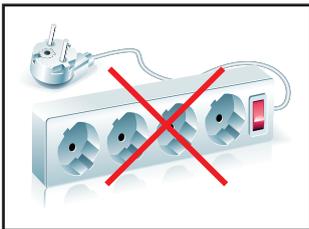
- Do not use extension block to plug several devices into a single socket.

- According to the size, devices may be difficult to handle and very heavy. Ensure that at least two people lift and carry the device.
- Put down the device slowly and carefully to avoid damaging the LCD screen. Ensure that the device stands stable.
- Keep packaging away from children. Danger of suffocation!
- Only use our specified and professionally mounted wall mounting.

- Do not put objects onto the device.
- Do not place candles, heaters or humidifier near the device.
- Keep the device away from fireplaces and flammable materials.
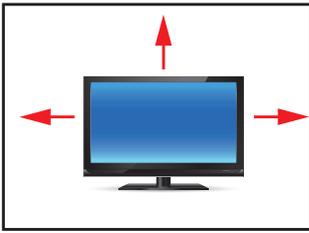
- Ensure compliance with the operating temperature.
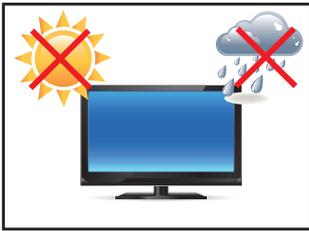
- Do not install the device in places where it is exposed to environmental impacts such as rain or direct sunlight.
- Do not install the device in places where it is exposed to high humidity, dust or smoke. In case of doubt, please contact your sales partner.

- Please use a soft, moist cloth for cleaning.
- For cleaning the screen, please use only commercially available screen cleaner. Do not spray the cleaner directly to the device but onto a cloth.
- Please clean ventilation slots regularly to ensure a good air circulation.

- Attention! High voltage! Never open the device by yourself.
- In case of unusual noises, burnt smell or smoke unplug the power cable.
- Do not insert objects into the device through the ventilation slots.
- If the same picture is displayed over a longer period of time, an after-image may arise.
- When exchanging batteries of remote control, pay attention to the polarity. Keep batteries away from children and ensure an environmentally correct disposal.

4.   First Installation

Position of connectors and controls

All connectors for power and cables are located at the bottom of the back side of the display.

Video signal cables and OSD keyboard (video series only)
Power cable and on/off switch
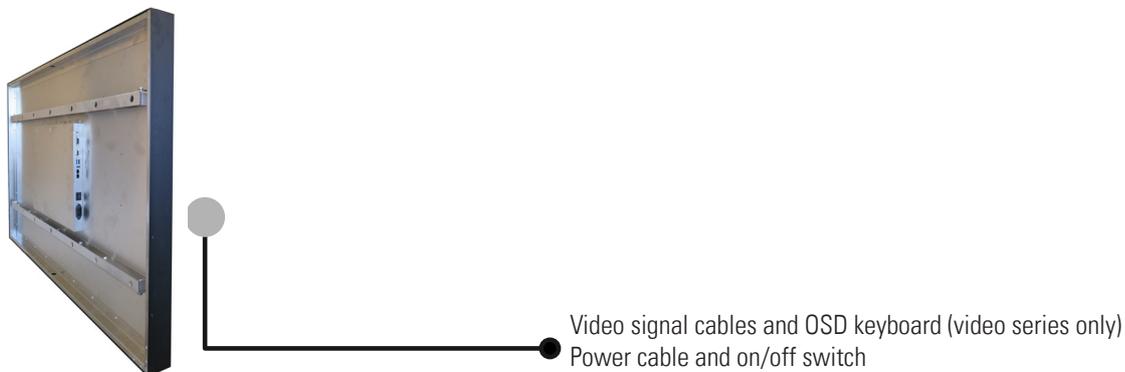
Mounting

BLO-Line monitors are mounted on the wall mount supplied. See chapter: Montage Monitor

The supplied wall mount must be fixed with screws that appropriate for the wall and approved for the weight. The dedicated holes at the wall mount for this have a diameter of 5mm for 24 "-42" monitors, and a diameter of 8 mm for 46 "- 64.5" monitors. The monitor can be hung in landscape format or in portrait format. 3 people are recommended for the installation of larger monitors. It is important that there is a socket behind the wall mount to which the monitor should be connected. (see picture, data sheets BLO-Line)

Connect the monitors

With the devices of the BLO-Line size of 24 ", 31.5", 42 ", the monitors are first hooked into the wall mount at the top and then a bracket is tipped down at the bottom of the wall mount, which locks the monitor in the wall mount. The connections can thus be reached. After the monitor is successful connected, the bracket is folded back and the monitor can be folded onto the wall / wall mount into an upward position. The monitor is fixed in this position by using the appropriate numbers of screws at the side of the monitor (scope of delivery). (see chapter Montage Monitor).

The monitors of the BLO-Line size 46 ", 54.6", 64.5 "are first attached to the bottom of the wall mount and attached to the wall mount with a steel cable (located at the upper end of the devices). So the connections are accessible. After successfully connecting the monitor, it is folded onto the wall or wall mount into an upwards position. The monitor snaps into place on the wall mount in an upward position and can then be fixed by using the appropriate number of screws (scope of delivery). (see chapter assembly monitor)

Connecting to power

BLO-Line displays require a voltage of 110V - 230V AC. The standard scope of delivery includes a special fire load and flue gas optimized power cable for connecting the power supply.

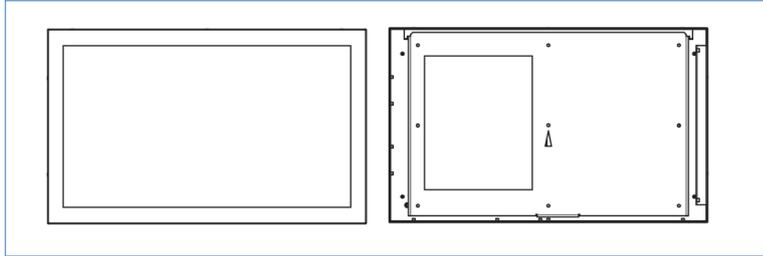⚠️   Note: Install all data cables to external devices before connecting the display to power.

• Switch the on/of switch in position off.

• Connect the power cable to the display.

• Connect the power cable to a power socket.
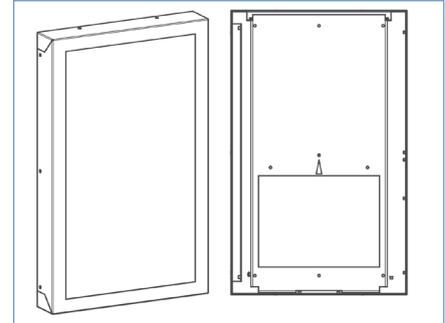
• Switch the display on .
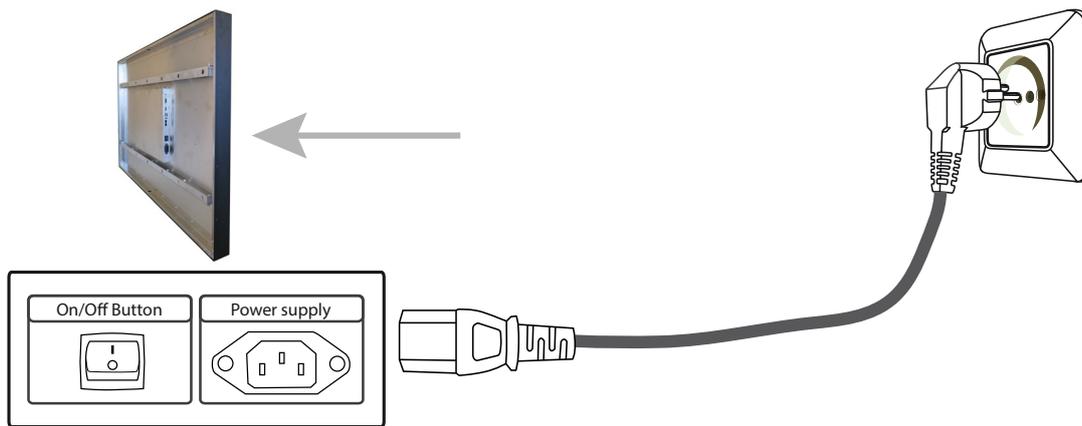
5.   Mounting monitors BLO 24"/ 31.5"/ 42"

Front and back view of the monitor

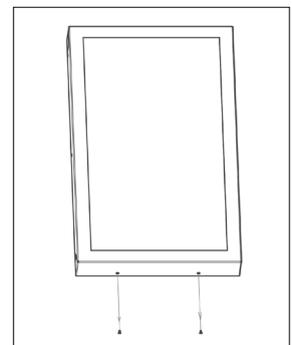### LANDSCAPE   PORTRAIT

1. Remove the locking srews

To mount the wall bracket, it must first be detached from the monitor. To do this, the correct screws must be removed
- the locking screws. The following list is used to identify the correct screws.

Landscape	Mounting points locking screws	Number of screws on this side	Identify the locking screw
24"	On the bottom	3	Middle screw
31.5"	On the bottom	4	2nd and 3rd screw
42"	On the bottom	5	2nd and 4th screw
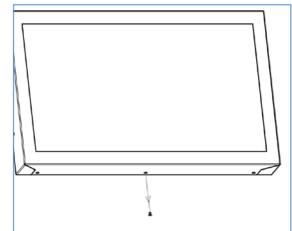
Portrait	Mounting points locking screws	Number of screws on this side	Identify the locking screw
24"	On the bottom	2	both
31.5"	On the bottom	2	both
42"	On the bottom	4	2nd and 3rd screw

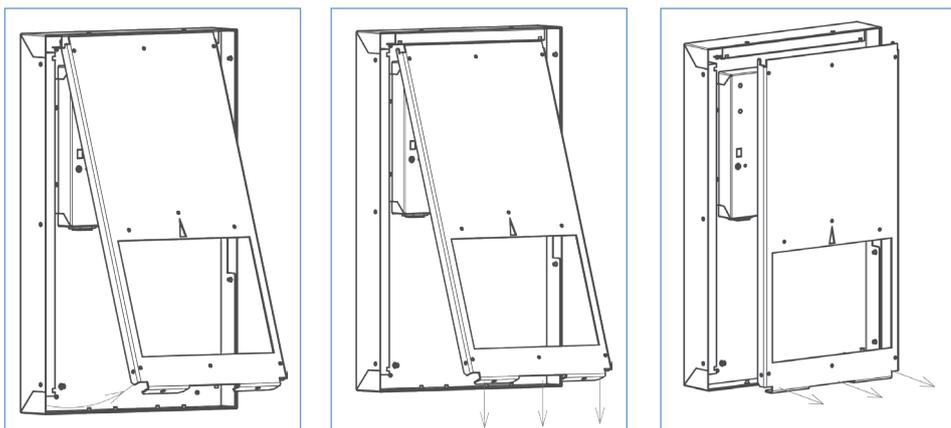2. Fold down the wall mount / slide the wall mount down / remove the wall mount

Landscape
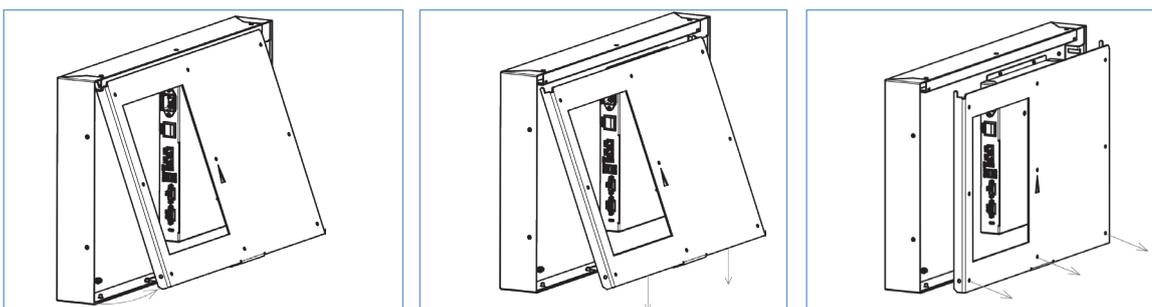
Portrait
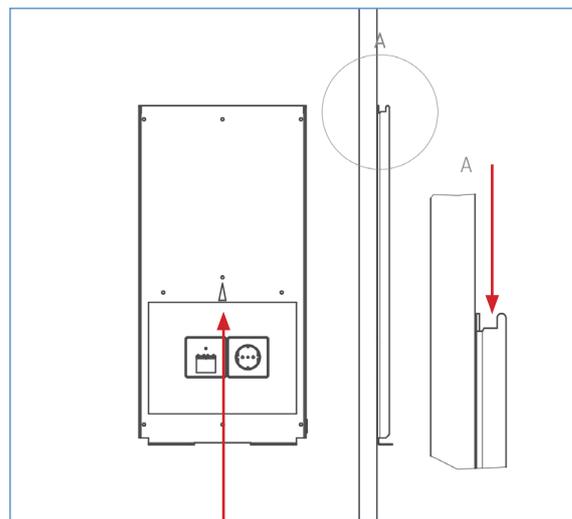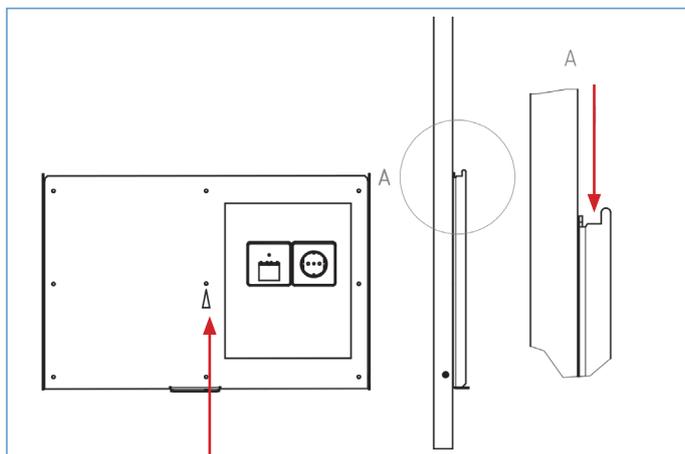

5. Install wall mount

Landscape   Portrait

The monitor must first be atteched to the top of wall mount.

The monitor must first be atteched to the top of wall mount..


Monitor center after assembly
When mounting the wall bracket on the wall, please note: the arrow must be on for correct mounting the wall mount facing up.

6. Hang the monitor in the wall mount and fold out the support

Hang the monitor from above into the wall mount. Then fold out the support on the wall mount and hook it into the montior. Now all cables can be connected. After connecting the cables, fold the support back onto the wall and carefully fold the monitor onto the wall. Then it lies flat.

For an application in which the connections (power socket/ LAN-socket) etc. is not behind the monitor, but separate from it: Before the device is hung up in the wall mount - before step 6 - the corresponding cables must be threaded into the opening of the cable entry.
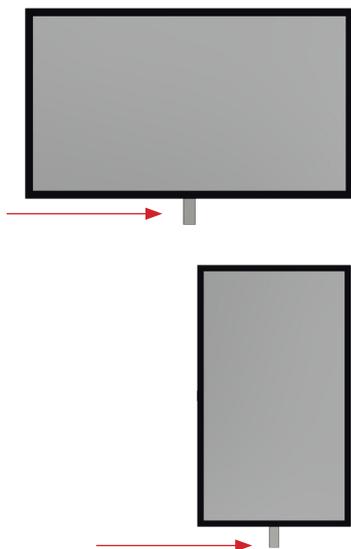
for seperate connections   Landscape   Portrait
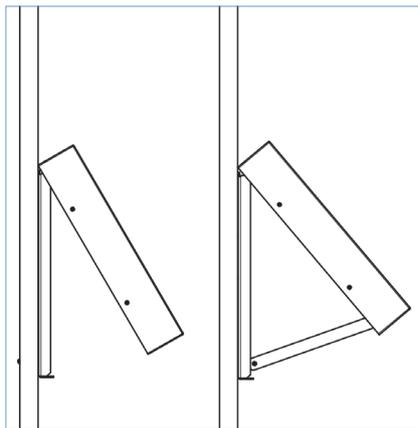
7. Reattach the locking screws

After the correct installation, the monitor hangs plane on the wall. Only when this is the case can the locking screws be screwed into the monitor.

Front and back view of the monitor
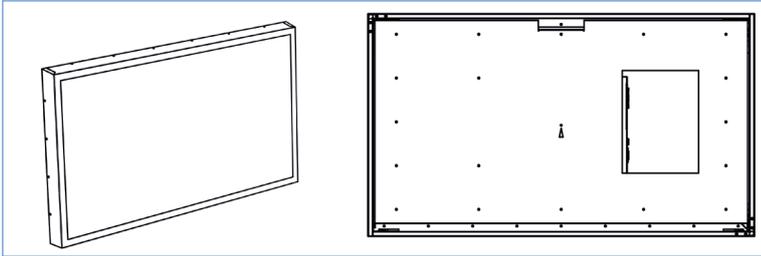
LANDSCAPE

PORTRAIT
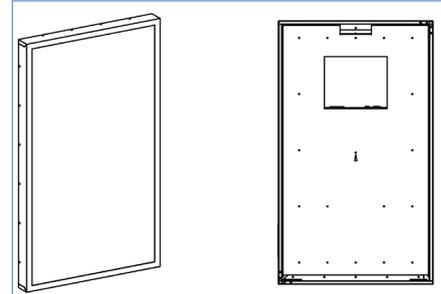
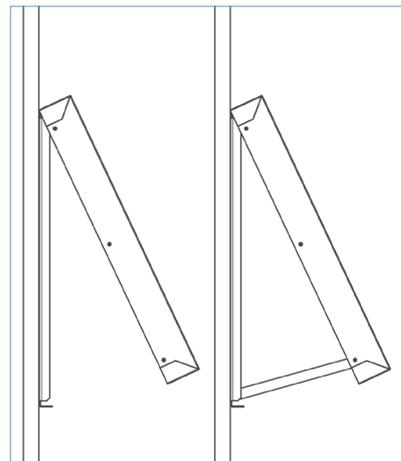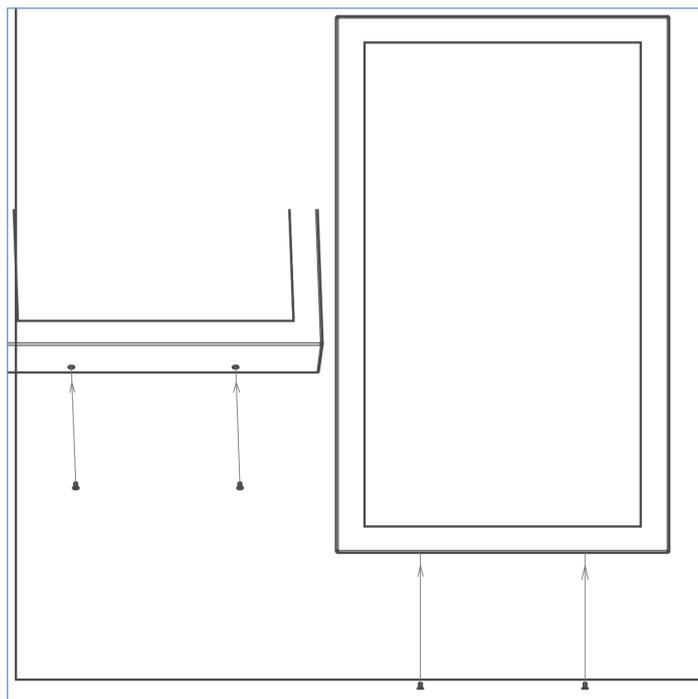1. Remove the locking srews

To mount the wall bracket, it must first be detached from the monitor. To do this, the correct screws must be removed - the locking screws. The following list is used to identify the correct screws.

Landscape	Mounting points locking screws	Number of screws on this side	Identify the locking screw
46"	At the side	4	2nd from the top on both sides
54.6"	At the side	4	the top one on both sides
64.5"	At the side	5	the middle one on both sides
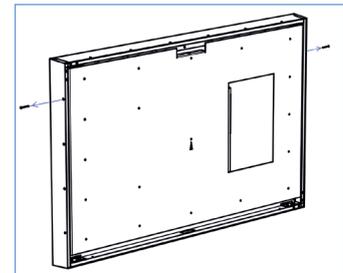
Portrait	Mounting points locking screws	Number of screws on this side	Identify the locking screw
46"	At the side	5	the top one on both sides
54.6"	At the side	6	the top one on both sides
64.5"	At the side	7	the middle one on both sides
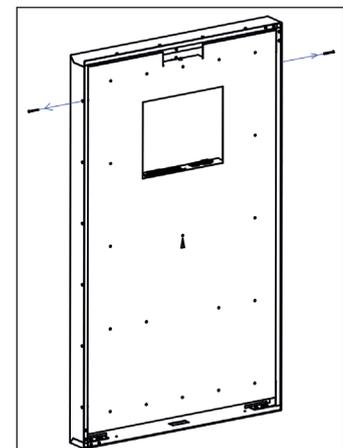
2. Wandhalterung abklappen/ Wandhalterung nach unten schieben/ Wandhalterung abnehmen

Landscape
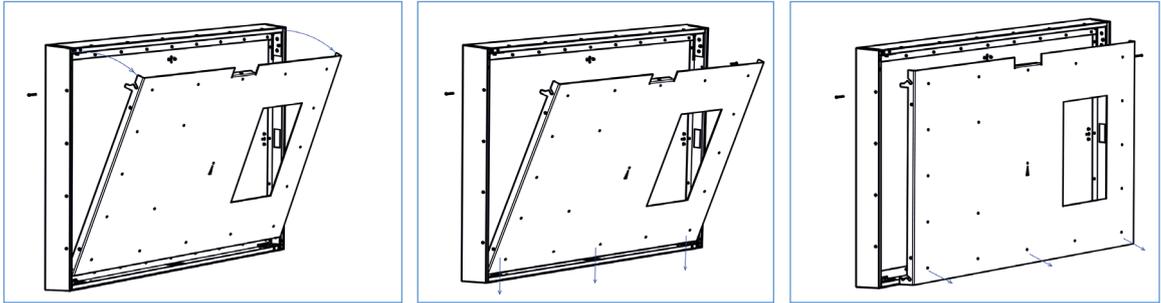
Portrait
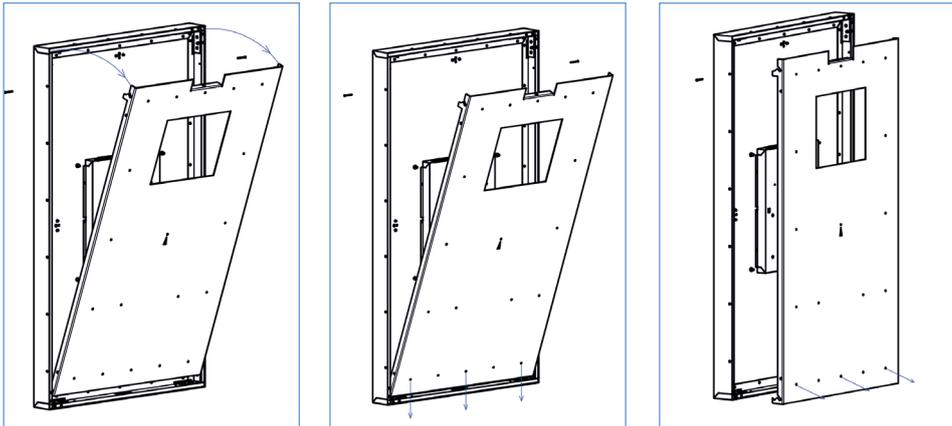
5. Wandhalterung montieren

Landscape

Beim ersten Einhängen des Monitors wird dieser in den ersten Haken eingehängt.

Portrait

Beim ersten Einhängen des Monitors wird dieser in den ersten Haken eingehängt.
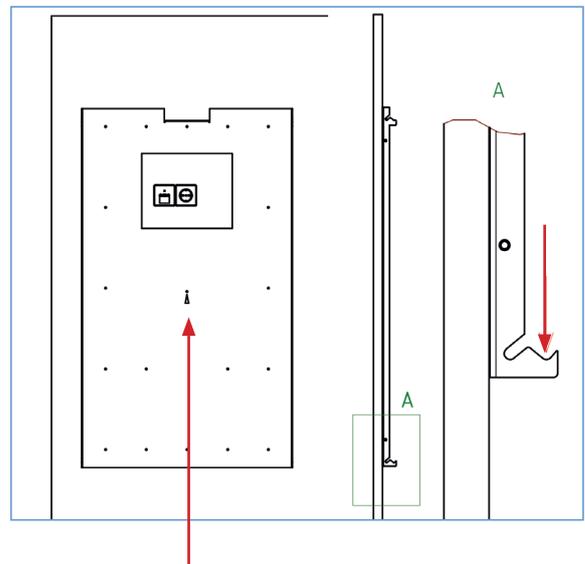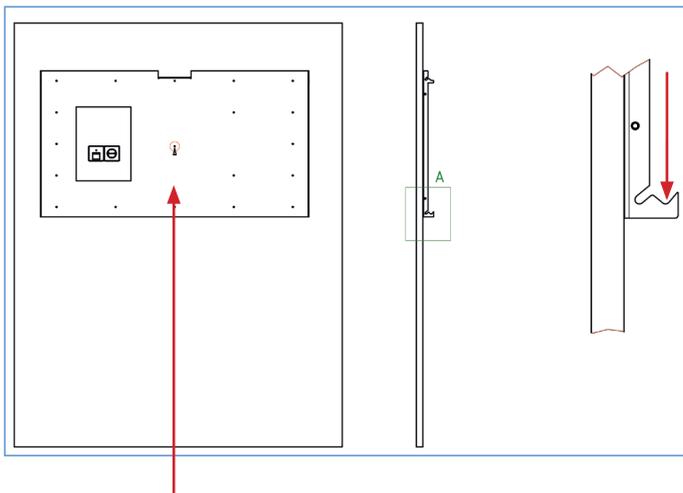
Monitormittelpunkt nach Montage
Bei der Montage der Wandhalterung an der Wand ist zu beachten: zur richtigen Montage muss der Pfeil auf der Wandhalterung nach oben zeigen.

6. Fold down the wall mount / slide the wall mount down / remove the wall mount

The carabiner of the steel cable must be properly hooked into the device provided on the wall mount. Only then will the monitor hang securely on the wall. The required cables can then be connected.
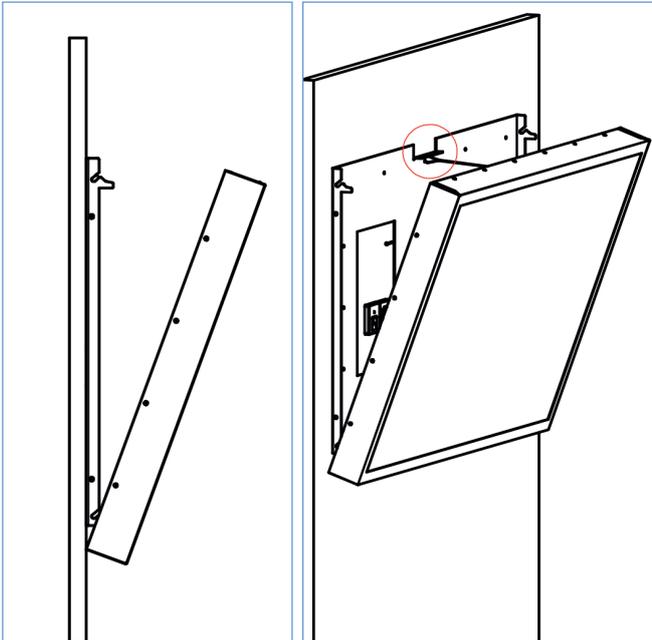
Landscape   Portrait
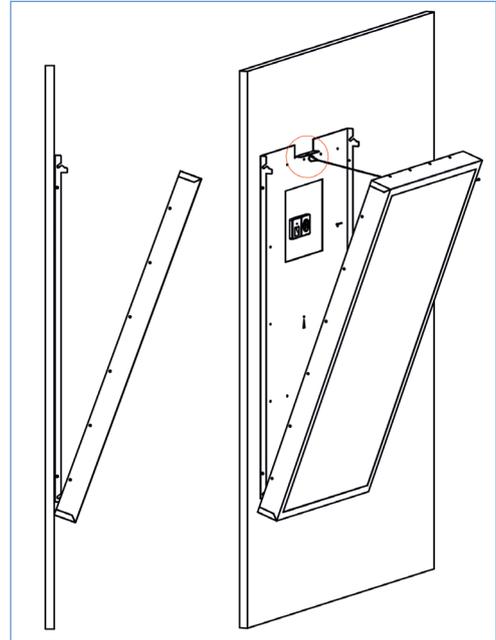
For an application in which the connections (power socket/ LAN-socket) etc. is not behind the monitor, but separate from it:

Before the device is hung up in the wall mount - before step 6 - the corresponding cables must be threaded into the opening of the cable entry.
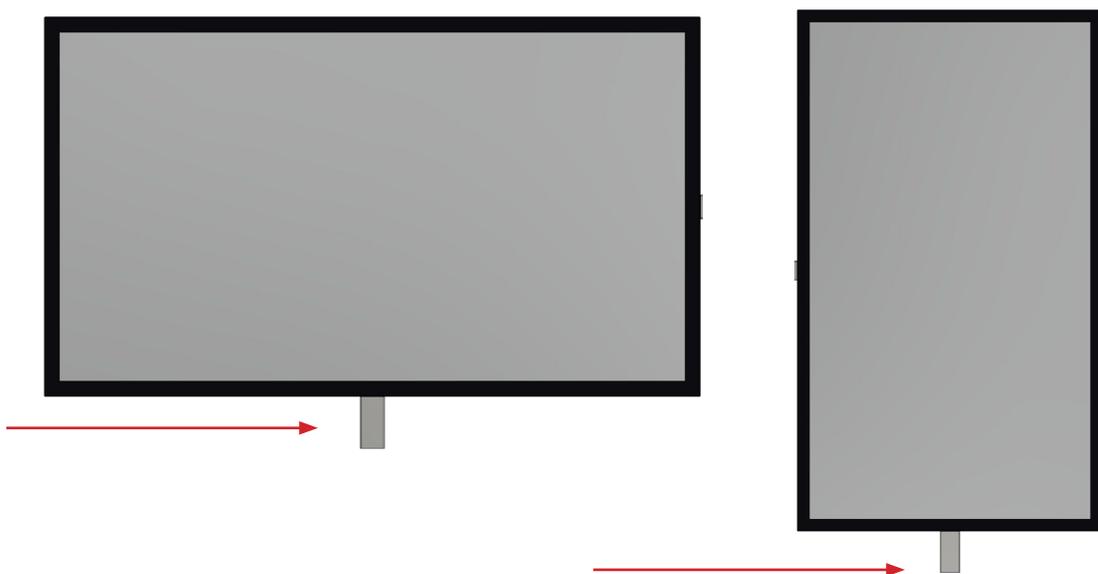
7. In the next step, the monitorat first is finally hooked into the wall mount. To do this, the monitor is folded against the wall and pushed up a little while at the same time being pressed against the wall. The monitor slips into the hooks provided on the wall mount.
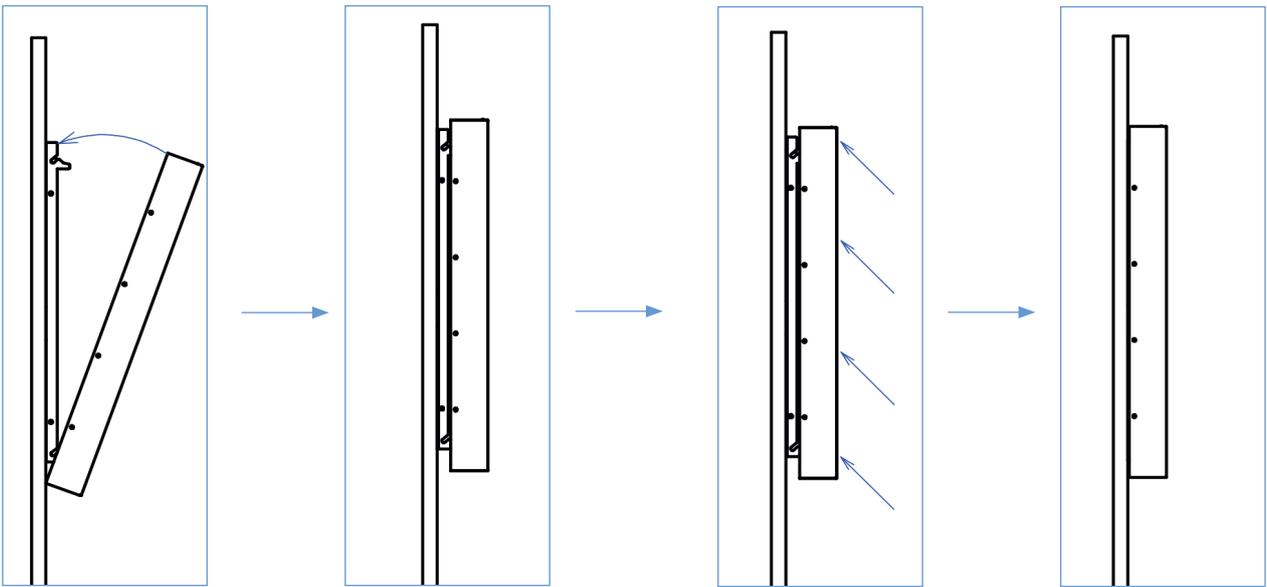
8. Reattach the locking screws

After the correct installation, the monitor hangs plane on the wall. Only when this is the case can the locking screws be screwed into the monitor.
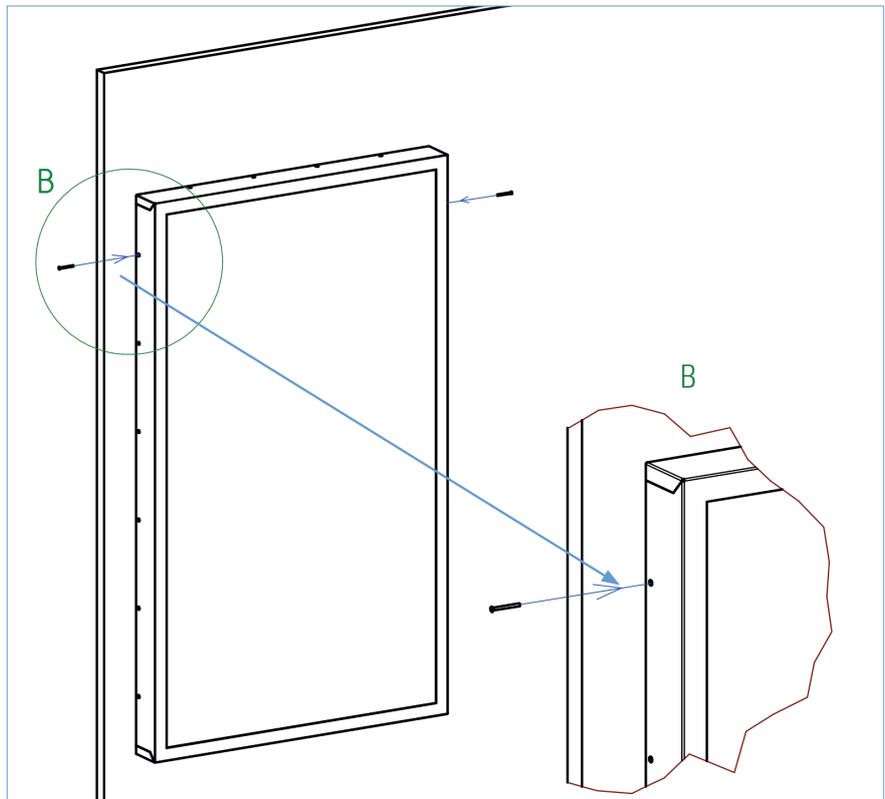
7.   BLO-Line Video PME

Connectors and OSD buttons of BLO-Line Video PME series
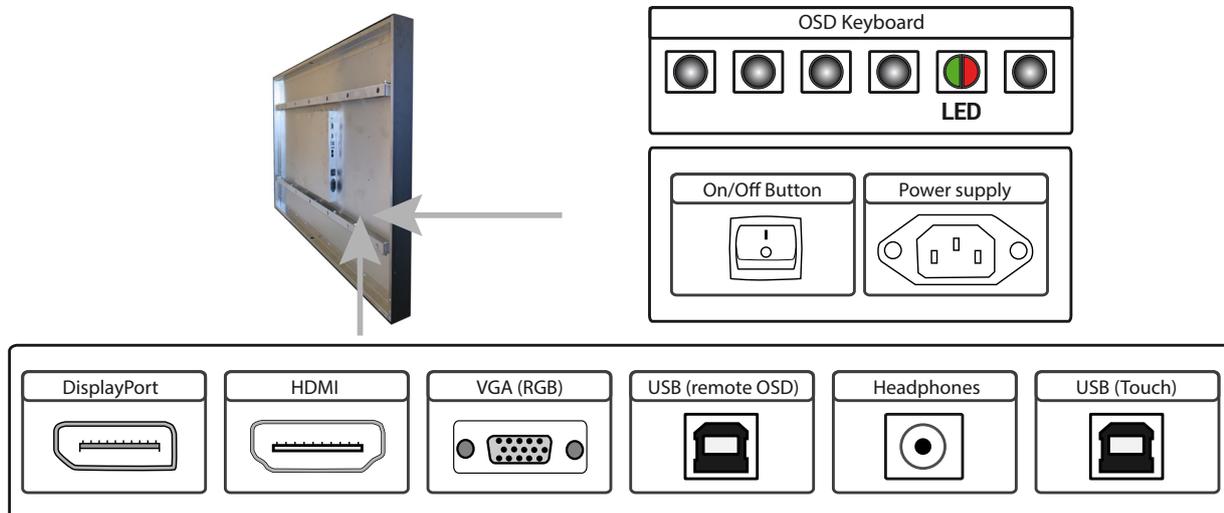
⚠️ Attention: All connections to external devices must be made behind the wall.

Connecting the Remote-OSD to a PC with USB cable
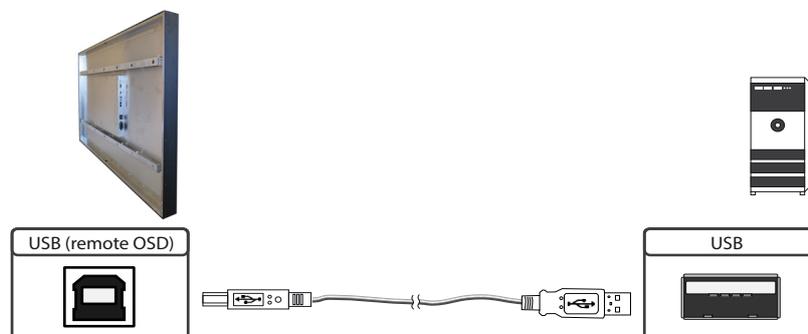
Remote OSD control

To control the OSD menu of the display remotely from a PC, use a USB cable and connect the display to your PC as described above. Please read the handbook for the remote control carefully. Please see the instructions for the remote control you find in the enclosed DVD. The document describes in detail all commands and the structure of the commands for the serial interface.

OSD keyboard

OSD functions of the monitor can be controlled via OSD key pad. The OSD allows selection of input source and fine tuning of various functional parameters like brightness, contrast etc.
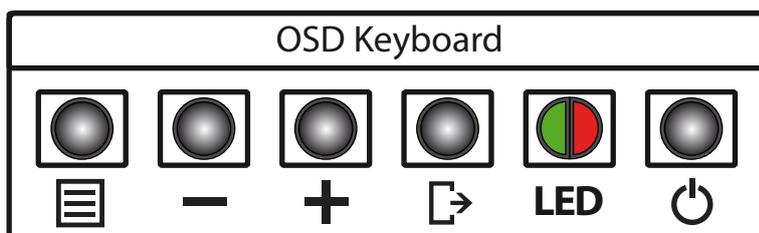
The OSD control can either be used:

- to access various functions directly
- to navigate within the OSD

The following two tables give an overview about the functions:

Direct functions:

Key	Function	Comment
Menu	Open the OSD menu	
—	Open volume control	
+	Open brightness control	
Exit	Select signal input	
Power	On/ Off	

Navigation in OSD menu:

Key	Function	Comment
Menu	Open sub menu	when in main
	Confirm entry	when in main
—	Cursor down	when in main or in sub menu
	Cursor/ slider to the left	when in main or in sub menu
+	Cursor up	when in main or in sub menu
	Cursor/ slider to the right	when in main or in sub menu
Exit	Leave OSD menu	when in main
	Leave sub menu	when in sub menu

The green/red LEDs (single package) on the external keypad show the current status of the board:

Color	Meaning	Remark
Green	Signal found	
Green blink	Search signal	
Red	Power safe mode	
LED off	Monitor off	

OSD menu
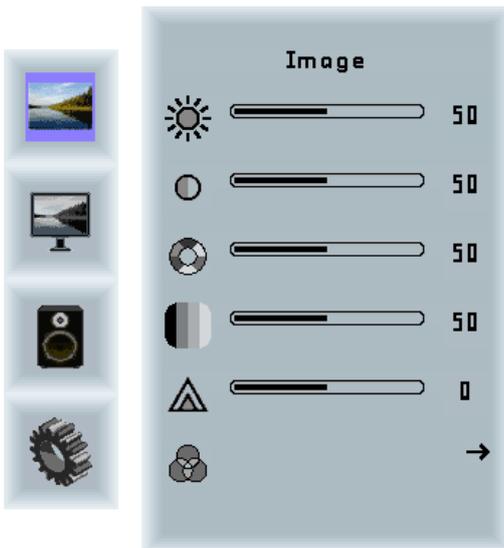
Image Menu

Brightness: Panel brightness adjustment.

Contrast: Panel contrast adjustment.

Hue: Panel hue adjustment.

Saturation: Panel saturation adjustment.

Sharpness: Panel sharpness adjustment.

Color: Opens the color sub menu.

Color Sub Menu

Auto: Performs auto color adjustment.

Color Temp: Allow selection of different color temperature schemes, predefined and custom. Available if color space of input is RGB.

Full color: Selects full received color space.

SRGB: Selects SRGB color space.

XVYCC: Selects XVYCC color space.

Color Temp.

4200k ✕
5000k ✕
6500k ✕
7500k ✕
9300k ✕
user →

Color Temp.

r ▭ 50
g ▭ 50
b ▭ 50

Display

👍 ▶
〰 ▭ 50
🔱 ▭ 50
✛ →
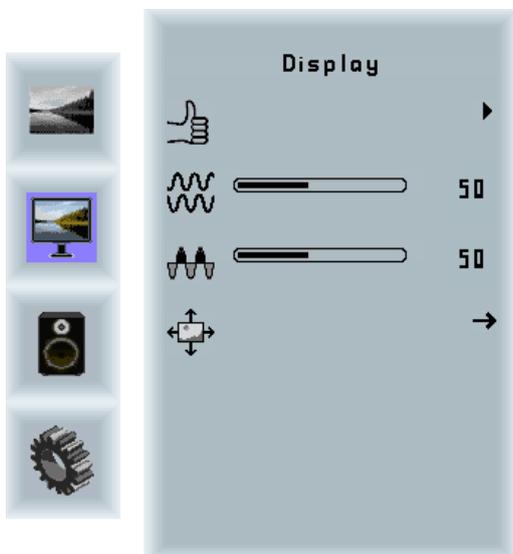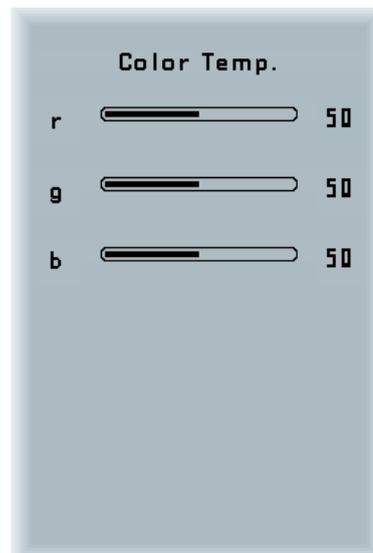
Display Menu

Auto-adjust: Performs auto-adjustment on the VGA input image.

Phase: This function is a slider to adjust the sampling phase of the analogue interface. For optimum image quality, input pixels should be sampled at the ideal sampling points.

Clock: This function is a slider to adjust the sample clock of the analogue interface. This is helpful for improving the image quality for non-standard display modes.

Position: Used to alter placement of the image.

Move Position

use arrows to
move image
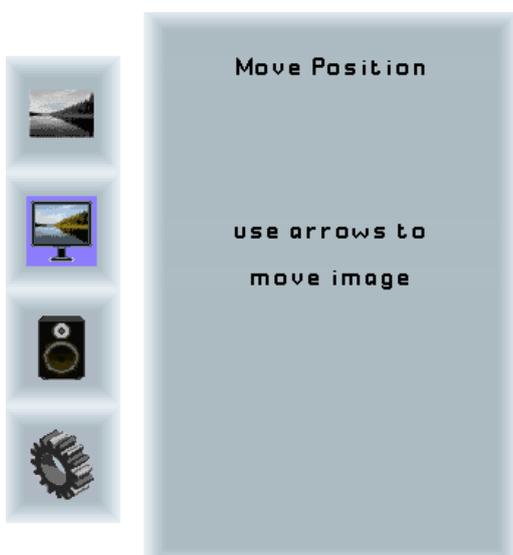
Move Position Sub Menu

Arrows: Use arrow keys to move the position of the image on the screen.
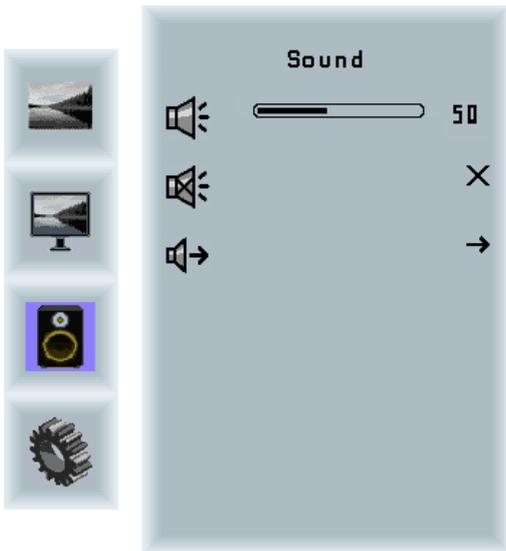
Sound Menu

Volume:	Slider bar to adjust volume.
Mute:	Mutes audio.
Output:	Chooses between speakers and headphone. Only one can be active at a time (Speakers are not available for POS-Line monitors).

Output Sub Menu

Speakers:	Toggles speakers on/ off.
Headphone:	Toggles headphone on/ off.

System Menu

Input source:	Sub menu to select input source.
OSD settings:	Sub menu for OSD settings.
Factory reset:	Sub menu for Factory Reset.
EDID settings:	Sub menu for EDID settings.
FW Revision:	Firmware revision.
OSD Revision:	OSD revision.

Input

Display Port ✓
VGA ✗
DVI/HDMI ✗

Auto Scan ✓
Signal info:
no sync
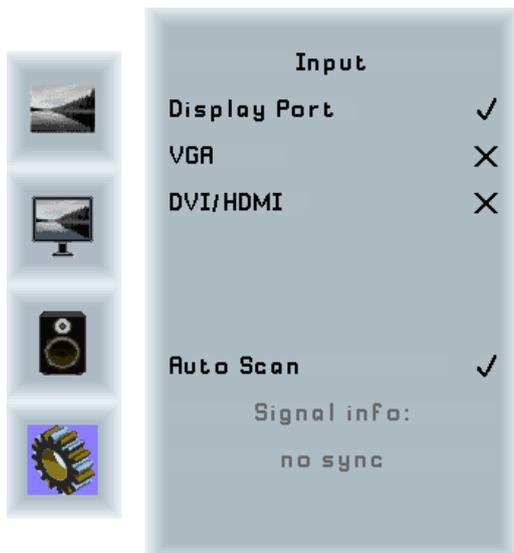
Input Sub Menu

Display Port:	Select display port as input signal.
VGA:	Select VGA as input signal.
DVI/HDMI:	Select DVI/ HDMI as input signal.
Auto Scan:	Enable/ disable input auto-scan.

Osd Settings

🕐 →
↻ MENU →
✥ MENU →
menu MENU ▬▬▬⬜⬜⬜ 50

OSD Settings Sub Menu

Timer:	Sub menu for timer settings.
Rotation:	Sub menu for rotation settings.
Position:	Sub menu for image position.
Transparency:	Slider to set transparency.

Timer

3 sec. ✗
6 sec. ✗
12 sec. ✓

Timer Sub Menu

Timer:	Selects how many seconds the OSD will remain active after the last use.

Rotation

0°   ✓
90°   ✗
180° ✗
270° ✗
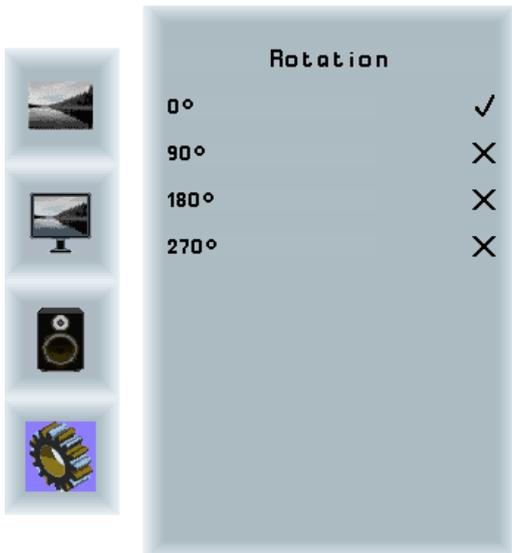
Rotation Sub Menu

Rotation: Rotates the OSD menu.

Reset

Press right to factory
reset   ▶

Reset Sub Menu

Reset: Performs factory reset.

EDID Write Protect

Off   ✓
On   ✗

EDID Write Protect Sub Menu

Write protect: EDID write protect on/ off.

8.   BLO-Line IQ

⚠️ Note: The delivery includes a driver DVD with all Atom main board drivers!

⚠️ Note: This POS-Line display is equipped with a battery. Please read the following note carefully:

- Unplug the power cable before exchanging the battery.
- There is a risk of explosion if the battery is not installed correctly.
- Replace the battery always with a battery of the same type.
- Recycle empty batteries with the free battery collection system. Please read the chapter "Disposal" in this document.

Passive cooling

Displays of the IQ BLO series (integrated PC) are designed for passive cooling.

Passively cooled monitors have a heat pipe that routes by which the heat of the processor to a heat sink on the back of the monitor. Passively cooled devices have no moving parts.

PC specification

Please inform yourself current data sheet BLO-Line about the details of the PC specification of the IQ BLO.

PC box connectors

Connectors of BLO-Line IQ series
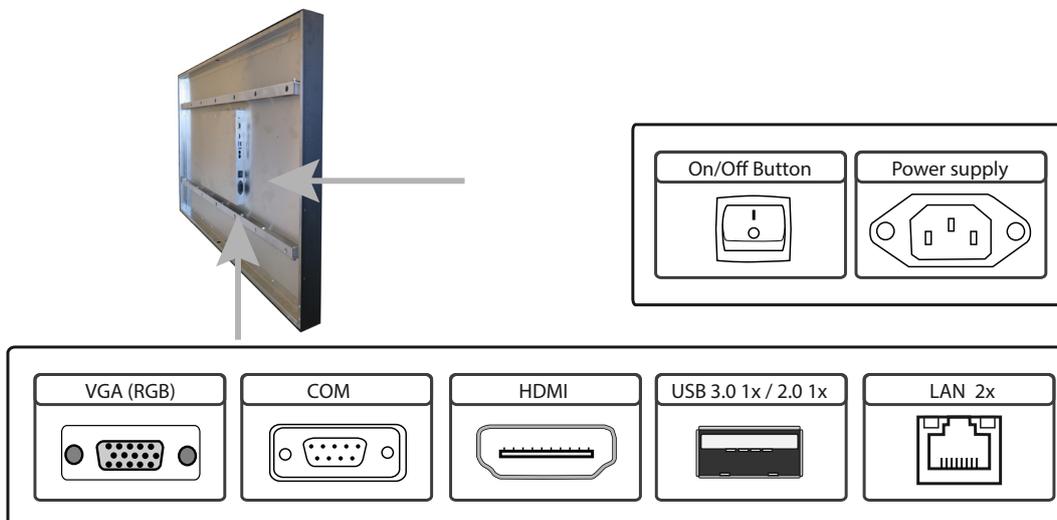
⚠ Attention: All connections to external devices must be made behind the wall.

Connecting to a network using a patch cable
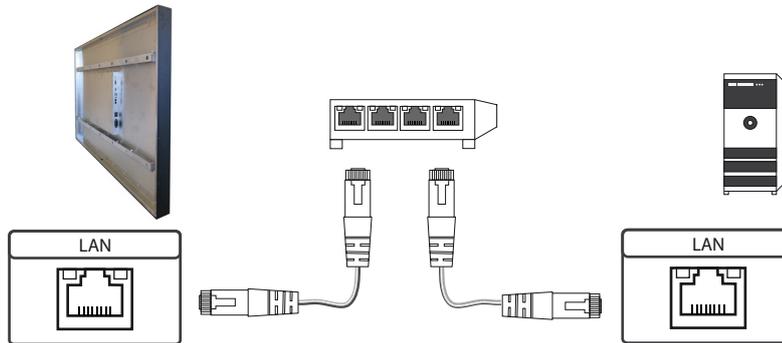
Power on/off

The PC starts automatically after the supply voltage is applied. When the power supply is connected, the PC is switched on or off with the touch switch. When commissioning for the first time, the PC must be switched on before the installation on the wall.

Push-button

BIOS settings

A Phoenix UEFI Flash BIOS is installed on the PC main board. To change BIOS settings press the 'F2' key on your keyboard during the boot process of the PC.

Operating systems

An operating system is pre-installed if your BLO-Line display has been ordered with this option. In this case all main board drivers or touch drivers are installed.

Activating the operating system:
• Windows Embedded/ WIN IOT: This OS is already activated. The license key sticker is located on the back side of the display.
• Windows 10: This OS is not activated. The license key sticker is added to the product documentation. After switching on the display for the first time Windows will prompt for the key.

9.   BLO-Line VideoPoster

⚠️ Note: Further information on media player, play list structure, handling, utilization and supporting software modules are available at

https://www.distec.de/en/products/tft-controller/industrial-media-players/

⚠️ Note: This display is equipped with a battery. Please read the following information carefully:

- Unplug the power cable before exchanging the battery.

- There is a risk of explosion if the battery is not installed correctly.

- Replace the battery always with a battery of the same type.

- Recycle empty batteries with the free battery collection system. Please read the chapter "Disposal" in this document.

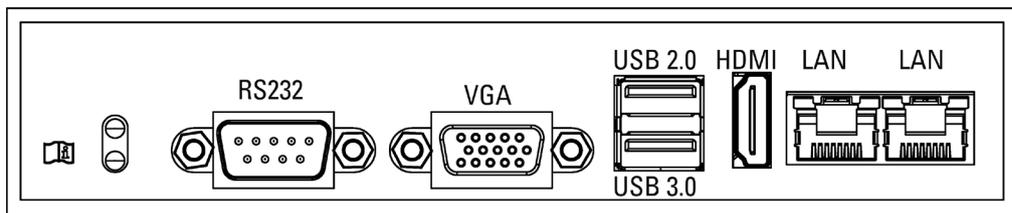Connectors of BLO-Line VideoPoster series
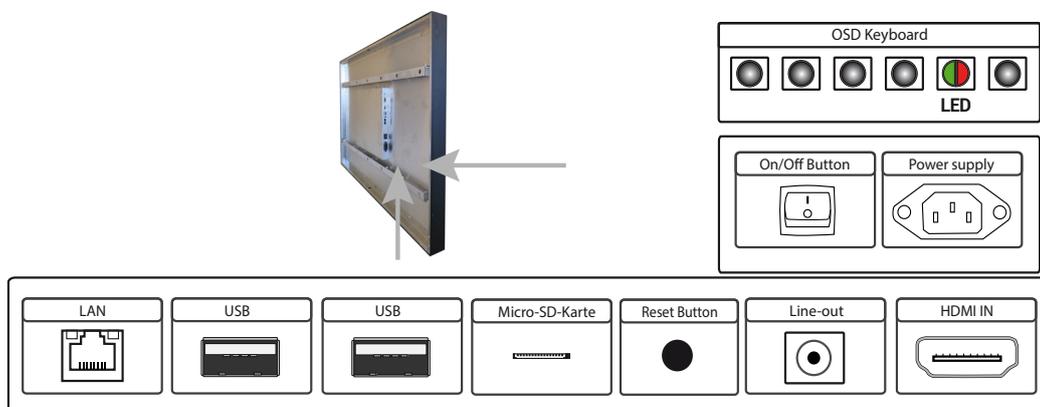
⚠️ Attention: All connections to external devices must be made behind the wall.

Connecting to a network using a patch cable
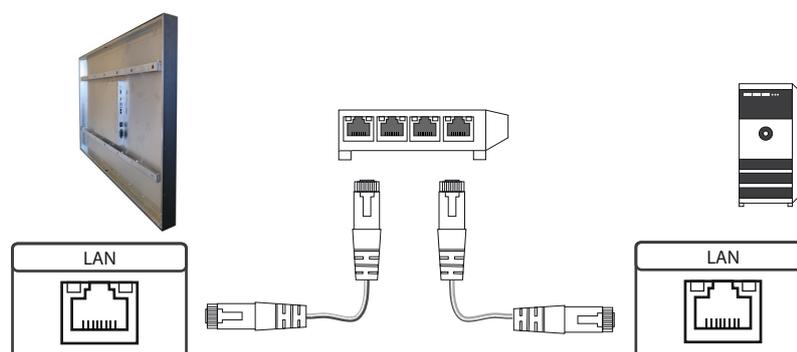
Factory configuration at the time of delivery

POS-Line VideoPoster is a network (Ethernet) device. Please note that inaccurate network configuration can have unintended influence on network operations and cause a breakdown of the entire network. To setup the device properly, you must be familiar with the basic operating parameters of your network.

Factory configuration of BLO-Line VideoPoster at time of delivery:

- DHCP: on
- IP-Address: assigned by DHCP server (fallback to static IP address 192.168.0.1, if no DHCP server is available in the network)
- Netmask: assigned by DHCP server (fallback to 255.255.255.0, if no DHCP server is available in the network)
- Hostname: Videoposter-IV-xx-xx-xx (last 6 bytes of the devices MAC address)
- Login Name: Artista
- Password: Artista
- Content auto update: off

MicroSD Card

The Mediaplayer stores its playlists on the internal 2GB memory. A microSD card, however, can be extended, if the internal memory is not enough. If a microSD card is plugged in, it must not be removed during operation!

Supported media formats

Video:

- MPEG-4 AVC / H.264
- Quicktime
- Flash Video
- MPEG Transport Stream

Still images:

- PNG
- JPG
- BMP

Functional description

POS-Line VideoPoster is a networked stand alone media player to playback play lists. Operating systems or other client-based software components are not required. Play lists are based on a XML structure and can include videos and images. The media player controlls the play list. A play list is looped endlessly until a new play list is loaded or the player is switched off. A play list may contain several sub play lists which can be triggered by an internal timer or other external events like push buttons or proximity switches (optional external I/O board).

POS-Line VideoPoster does not need any local operation. As soon as a play list is loaded, the media player will automatically start with playback. Power can be switched off at any time, a shut down procedure is not required. After power on, the media player will automatically playback the current play list.

Connecting an external source with priority

An external source like video player or sat receiver can be connected to the POS-Line VideoPoster via HDMI. If priority of the HDMI connector has been activated, the playback of the play list will stop as soon as a HDMI signal is detected. In this case, the HDMI signal is shown on the screen. If the external player is switched off, the media player will automatically start or continuing playing back the internally stored play list.

Software

The following software and accompanying documentation were made available to you by e-mail:

ACC: Windows software to create play lists for POS-Line VideoPoster devices. Use ACC to transfer play lists to VideoPoster, and to store play lists on USB sticks for manual transfer.

ADF: Windows software to support installation and configuration of VideoPoster devices. Connect your VideoPoster as shipped (factory configuration) to the network. ADF will detect all VideoPosters and allow an easy configuration of the network parameters.

Downloading play lists

There are basically four methods to download play lists:

Via USB: If a USB stick with a playlist is inserted into the Mediaplayer, it is loaded and started automatically. In this operating mode, a network connection is not necessary..

Via ACC: This is a free software for Windows to create play lists and to upload play lists to one or more media player in the network.

Via FTP Server: The media player connects to a FTP server in configurable time intervals and searches for new playlists. The differences between the existing and the new playlist are loaded automatically and playback of the new content starts.

Via HTTP-Protocol: Use HTTP protocol to transfer and control VideoPoster from any existing Content Management System.

Configuration

Use any Internet browser like Firefox, Internet Explorer, Chrome, etc. for the configuration of the VideoPoster. Enter the URL (i.e. IP address or network device name) to open the device's web interface. Please enter the password if required (factory settings: Login name: Artista; Password: Artista).

Layout of the web interface:

Information

System Information: Here you can find all the information about the system like software revision. In case of a support
                         request please add a printout of this page to your mail for a fast processing.
View Logs: VideoPoster creates log files to allow an easy monitoring of operations. The following log
                         files are available:
                                    Player – shows the log file of the video player and error messages.
                                    Updater – shows the log file of content updates and error messages.
                                    Setup Manager – shows the list of executed setup files.
                                    Event Manager – shows error messages of the event manager.

Configuration

Network Configuration:	This page includes all entries for the network configuration. Click on „Submit Configuration" to store the settings and change the configuration. Clicking on „Reset Configuration" deletes all entries in the web page but does not change the configuration.
Date and Time:	Enter date, time and time zone. Enter a network time server for automatic synchronization (NTP).
Content Auto Update:	To configure automatic content updates with FTP server, enter the FTP server access information and update time interval here.
Audio Settings:	Volume settings for speakers.
Display Settings:	Panel brightness settings.
HTTP Access:	Enter password. It is recommended to change the password after installation.
Advanced:	Firmware updates, microSD card (optinal) formating,reset of hardware configuration to factory defaults and priority setting for HDMI input.

Restart

Restart:	Media player restart.

On-screen display of IP-address and host name

IP-address and host name are shown on the screen for 5 seconds during the boot process.

10. BLO-Line IoT

The BLO-Line IoT monitor is equipped with the Raspberry® Pi compute module 3 (CM3). The specification can be found under the following link:

https://www.raspberrypi.org/products/compute-module-3/

⚠️ Note:
The full driver package for the IoT monitor can be found on the enclosed DVD.
The device is equipped with a battery. Please note the following:
- Disconnect the devise from the power supply before replacing the battery.

- If the battery is not replaced properly there is a risk of explosion.

- Always replace the battery with another one of the same type.

- Supply empty batteries to the local waste battery return system. Please also observe the notes in chapter „Disposal".

Passive cooling
Monitors of the BLO-Line IoT series are equipped with a passive cooling system. Passively cooled monitors divert the heat of the processor to the monitor's housing. Passively cooled devices have no moving parts.

Spezification
Please refer to the current data sheet for the details of the IoT monitor specification.

Connectors of BLO-Line IoT series
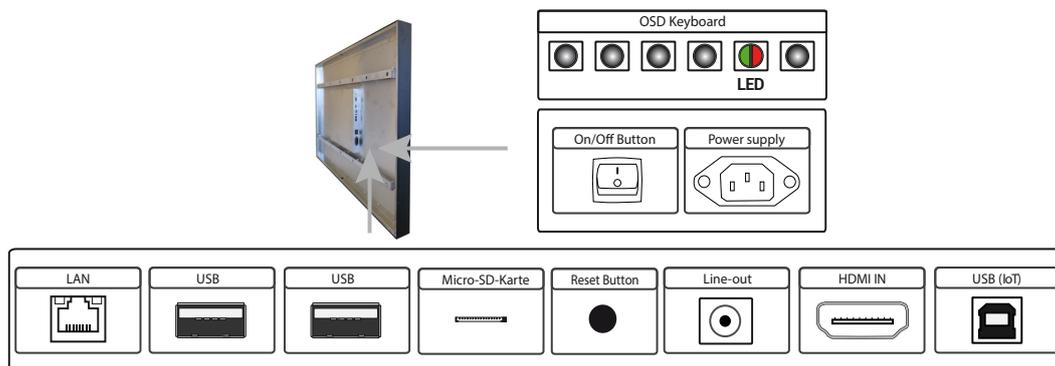
⚠️ Attention: All connections to external devices must be made behind the wall.

Connecting to a network using a patch cable
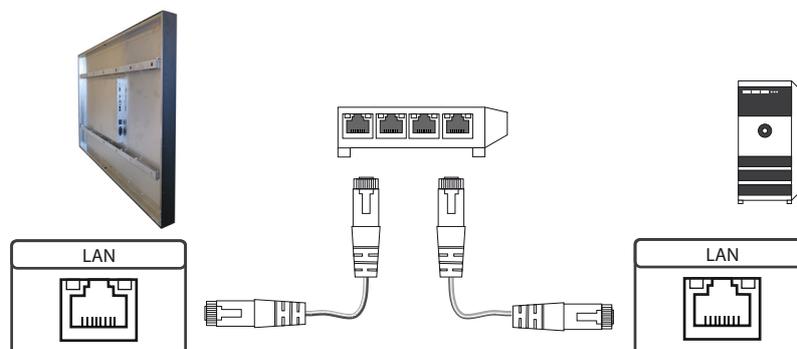
Switch on/ off

After the supply voltage has been applied, the IoT monitor starts automatically. To switch off, you must select „Shut down" in the operating system.

Operating systems

The IoT Monitor comes with the operating system Raspbian, which is equipped with all necessary drivers. This operating system is the official version of the community, reduced to the internal memory of the compute module. It is only used for the first commissioning of the monitors.

The IoT Monitor can be equipped and programmed by the customer with its own operating system/ image. For this, the USB port on the back of the monitor in the connection cover can be used, which is located under the OSD menu.
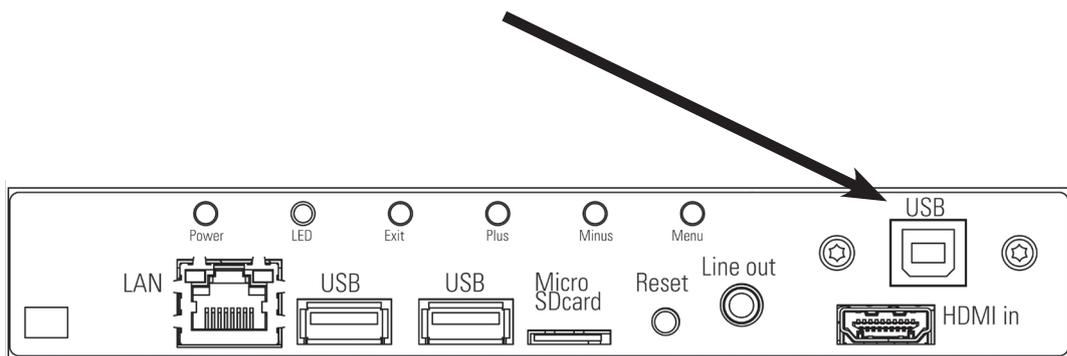
A guide for the integration of an image can be found on the enclosed DVD or on our homepage:

https://www.distec.de/en/products/tft-controller/iot-industry-40-raspberry/

In the community of Raspberry® Pi (https://www.raspberrypi.org/forums/) you can find many problem-solving and help to integrate and create your own system.

11. WebPoster

Connections and controls

WebPoster are BLO-Line IQ devices with a special firmware, so the ports and operating in the „IQ BLO" must be observed. Connecting a mouse and keyboard is not supported with this firmware.

Functional description

The Industrial HTML Full HD Player is a complete solution for viewing Web pages. The website can be configured via a web interface. At the start of the device is automatically display.

Configuration of the media player on delivery (factory configuration)

This device is a LAN (Ethernet) enabled device. Please note that an incorrect network configuration the device may affect the safe operation of the entire network and in the worst case of a network failure leads. To set up the device for a specific network, you need the key operating parameters of the network be known. The POS Line WebPoster is shipped from the factory with the following con-figuration:
• DHCP: on
• IP-Address: 192.168.0.1*
• Netmask: 255.255.255.0
• Hostname: WebPoster-xx-xx-xx (the last 6 bytes of the MAC address of the device)
• Login Name: Artista
• Password: Artista

*If no DHCP server is found, this IP address is assigned automatically.

Supported site formats
• HTML5
• JavaScript

Software

On the enclosed disk contains the following software and related documentation.
ADF: A program that simplifies the installation and configuration of HTML players. Connect any HTML player in the factory configu-ration to the network and start ADF. It displays all the HTML players in a list. Select the devices one by one and remove the network configuration.

Configuration of the media player

The configuration of the HTML player can work with any standard web browser (Firefox, Internet Explorer, Chrome, etc.) are performed. Connect the HTML player to a network and enter to establish the connection URL (eg. as IP address or network name) in the browser. Now open the WEB interface. If you are prompted for the password, enter the password (factory setting: Login name: Artista; pass-word: Artista).

Layout of the web interface::

Configuration

Network Configuration:	The configuration of the network is the first step in setting up.
Submit Configuration:	With Submit Configuration the entries will be accepted.
Discard Changes:	With Discard Changes be deleted entries in the fields.
	However, this has no influence on the current configuration.
Browser Settings:	The configuration of the Web page to display is the second step of the device.
	Here the web page can be entered and a „Reload Interval (seconds)" can be defined.
Submit Configuration:	With Submit Configuration the entries will be accepted.
Discard Changes:	With Discard Changes be deleted entries in the fields.
Change Password:	Here, the default password can be changed.

Information

System Information: This page contains all details about the system, such as, for example, the software version.
                          If you contact our Support please add this page to your E-Mail to ensure a fast response.

Restart

Restart: Restart of the media player.

Display of IP address and hostname

When booting the HTML player's current IP address and the host name of the HTML player is displayed on the screen for about 5 seconds.

12.   Touch Sensors

BLO-Line monitors in 24", 31.5", 42", 46" and 54.6" are also available with touch. Depending on the panel size, different touch systems and touch technologies are used. If the monitor has been ordered as touch screen, the touch sensor and touch controller are installed at factory.

BLO-Line Video PME:
The drivers for these monitors must be installed on your PC system. HID devices do not need drivers for Windows 10. Please contact our support center if you are using LINUX based computers.

Note: All drivers for the touch sensors can be found on the enclosed DVD.

13.   Maintenance

Systems with active cooling require cleaning of ventilation slots every 6 months. Systems with passive cooling must be cleaned every 12 months.

14.   Warranty / Service

Warranty

DIstec GmbH grants a manufacturer's warranty of two years from the date of delivery.

The rendering of warranty claims shall neither extend nor restart the warranty period.

During the warranty period, Distec shall repair product faults based on material or production defects. The warranty service is executed at Distec's discretion through repair, replacement of defective parts or by exchanging a product for a product of equal quality without charging the customer for material or labor.

Warranty claims are only accepted, if Distec receives notification of a defective product within the warranty period and the product is presented to the Distec Service Centre together with all information as specified in the RMA process.

Warranty Exclusions and Limitations

This warranty does not apply to any defect for which Distec is not responsible and which includes, but is not limited to the following:

- Unauthorized opening or disassembling of the product
- Faulty maintenance by non-observation of maintenance instructions
- Inappropriate storage or cleaning of the product
- Unauthorized modification of the product
- Incorrect use or misuse
- Non-observation of operating and installation instructions
- Permanent display of fixed images (causing image retention or image sticking)
- Operating the product in conditions which exceed the limitations of the specification
- Use of inappropriate boxes, packaging or modes of shipment
- Force majeure like fire, acts of war, acts of violence, chemical or biological impacts, lightning strikes, over voltage or similar events
- Fault resulting from the use of software which was not originally supplied with the product or which is incorrectly installed
- Normal wear and tear and wearing parts (i.e. LCD panel)

Mechanical damages like scratches, pressure or break points are excluded from this warranty.

This warranty does not include accessory parts which are not integral part of the product (as boxes, batteries).

Pixel errors only constitute a fault under the terms of this warranty if they deviate from the product specification (i.e. ISO 9241-307 pixel failure class II).

Display Quality - Prevention of after image burn in effects

After image burn-in means that an image or part of an image (i.e. logo) remains visible on the screen even if the image on the screen is changed. This should not occur if the LCD panel is operated in normal conditions with changing content. To prevent burn-in effects please follow the following guidelines.

- Do not display fixed patterns for an extended time period of more then 12 hours.
- Power-off the monitor for 4 hours after using it for 20 hours, and for 2 hours after using it for 12 hours.
- Use the power scheme and power management of the PC.
- Use plain-colored screen savers.
- Avoid patterns with a strong difference in brightness and contrast.
- Avoid gray colors.
- Change images and logos regularly. Show animated pictures for 60 seconds after 4 hours of operation.
- The best way to protect your display is to switch the monitor off when not in use or to use screen savers.

Non-observance of these guidelines may have effects on warranty.

Warranty Processing

Group RMA process. In order to avoid unnecessary charges, it is important to adhere to the RMA regulations.

Products must be appropriately and professionally packed for a safe return to the Distec Service Centre. Products with panel sizes equal or larger then 81 cm (32") must be shipped on pallets in upright position.

Distec does not assume liability for any customer data stored on products which are returned to Distec.

Limitations of Liability and Benefits

With this warranty declaration, Distec exclusively warrantys that the product is free of material and manufacturing faults.

Distec does not issue any other warranty or similar statements other than this declaration.

This warranty does not impair or affect a buyer's statutory claim against the seller due to material damage. Such claims can be asserted instead of the warranty agreed to here at the buyer's discretion.

Mandatory legal rights and mandatory claims under the German product liability remain unaffected.

Applicable Law and Place of Jurisdiction

The laws of the Federal Republic of Germany apply.

Place of jurisdiction is Munich.

Service addresses

Germany	Great Britain	USA
Distec GmbH - Werk KIndel Am Künkelhof 4 99820 Hörselberg-Hainich ☎ +49 3 69 20 71 62-0 ✉ support@distec.de	Display Technology Ltd. 5 The Oaks Business Village Revenge Road, Lordswood Chatham, Kent, ME5 8LF ☎ +44 16 34 67 27 55 ✉ info@displaytechnology.co.uk	Apollo Corp. 87 Raynor Avenue, Unit 1 Ronkonkoma NY 11779 ☎ +1 63 15 80-43 60 ✉ info@apollodisplays.com

Please go to the following web address for further information about our RMA regulations and RMA forms:
Http://www.distec.de/en/service

15.   Disposal

Disposal of old devices

If the acquired Distec product is to be disposed of, must be implemented into national law the Directive "2012/19 / EU".

Disposal of batteries

Applicable in all countries of the EU and in countries with separate battery collection systems.

The Batteries in this product should not be disposed with other household waste. The chemical symbol Pb, CD or Hg indicate that the battery contains lead, cadmium or mercury above the reference level in EC directive 2006/66/EG.

Batteries which are not disposed correctly can cause harm environment and health.

Our environment is close to our hearts. Please help us to protect our environment and recycle empty batteries with the free battery collection system.

16.   Declaration of Conformity

Declaration

Hereby the Distec GmbH declared that the unit EU is in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU and 2011/65/EU.

The CE declaration of conformity can be found in English at the website of Distec: https://www.distec.de/en/service/downloads/monitor-downloads/.