User manual
T-Rack

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QUALITY AV PRODUCTS

The ultimate solution for control systems and high-quality video monitoring in rack-mounted setups. Combining cutting-edge technology and ergonomic design, this 17.3" UHD display ensures seamless integration and exceptional performance for any application.
Mountable via either the included 19" rack brackets or via the VESA100 mounting points on the back, this touchscreen offers flexibility for diverse installation requirements. Whether for control or video monitoring, this touchscreen excels in versatility and clarity.

Key features
- High-Resolution Display:
    17.3" diagonal display with a stunning 3840 x 2160 UHD resolution, delivering a crystal-clear 255 PPI for superior image quality. Perfect for high-precision control and video Monitoring.
- Multi-Touch Functionality:
    Projected Capacitive 10-point multi-touch technology allows intuitive operation, enabling precise control for applications requiring direct input.
- Versatile Input Options:
    Equipped with two HDMI inputs and one DisplayPort input for maximum compatibility with modern devices. Easily connects to any system requiring touch or video input.
- Durable and Ergonomic Design:
  - Sturdy rack-mountable 19" chassis for seamless integration into studio setups or control systems.
  - Mountable via the included 19" rack brackets or VESA100 mounting points on the back for versatile installation.
- Dual Purpose:
  - Operates as a touch input device for systems accepting touch input over USB.
  - Serves as a high-quality UHD video monitor for professional monitoring purposes.

Designed for professionals who demand precision, flexibility, and durability in their setups, this rack-mountable touchscreen is an essential addition to any control or monitoring system.

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Safety notice

For your safety, do not attempt to open this device. There are no user-serviceable parts inside, and opening the unit may lead to electric shock or damage. Please refer all servicing needs to qualified service personnel only. Attempting repairs yourself will void any warranty and may compromise the device's performance and safety.

Set-up precautions

Ensure all connections are made before plugging the device into an electrical outlet. If the device has experienced a sudden increase in environmental temperature, avoid switching it on immediately to prevent internal damage from condensation. Wait until the device reaches room temperature before turning it on.
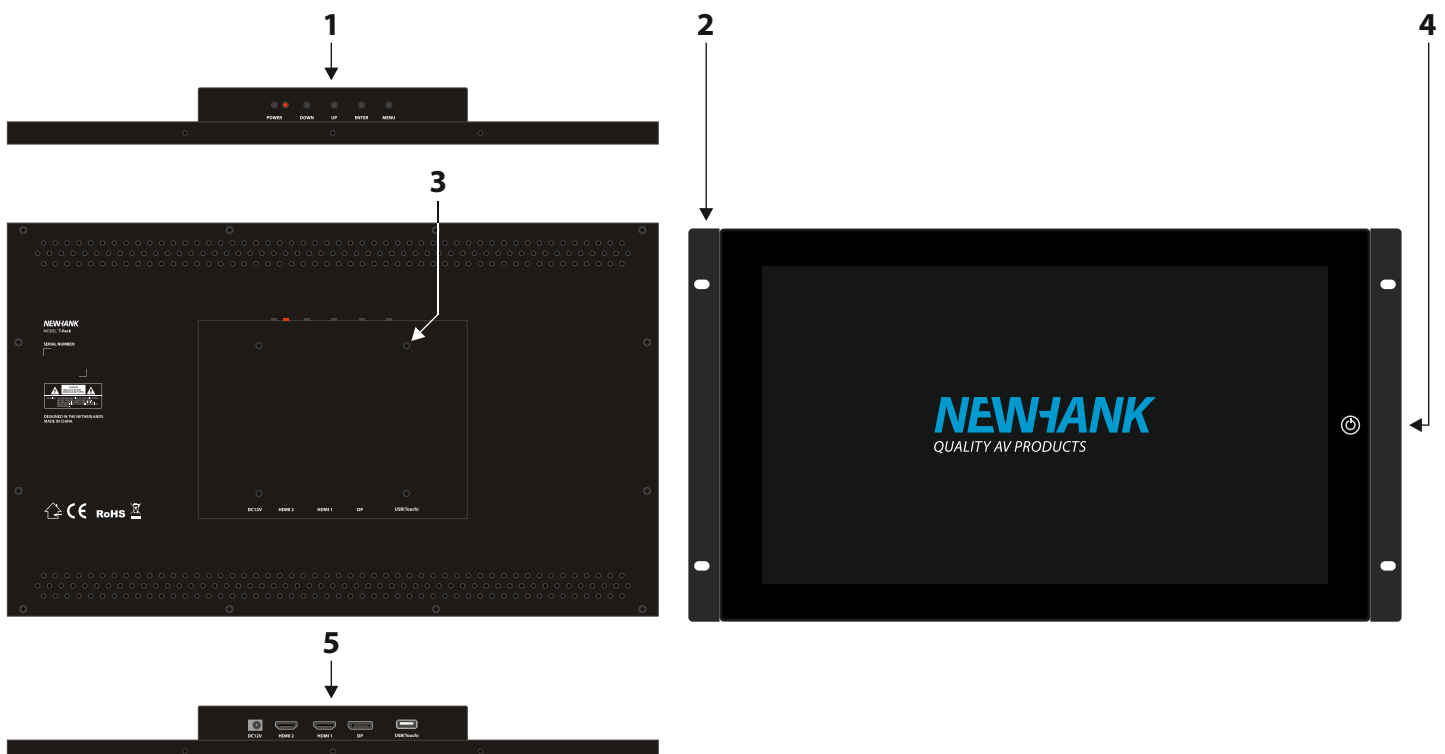
Environmental advice

This product complies with the WEEE Directive 2012/19/EU on waste electrical and electronic equipment. To minimize the environmental impact and ensure the responsible recycling of electronic products, please do not dispose of this device with household waste.
Instead, return it to a designated collection point for the recycling of electrical and electronic equipment. Proper disposal and recycling help conserve natural resources and prevent potential negative environmental and health impacts.
For more information about proper disposal, please contact your local authorities, waste disposal service, or the point of purchase.

Functions and controls
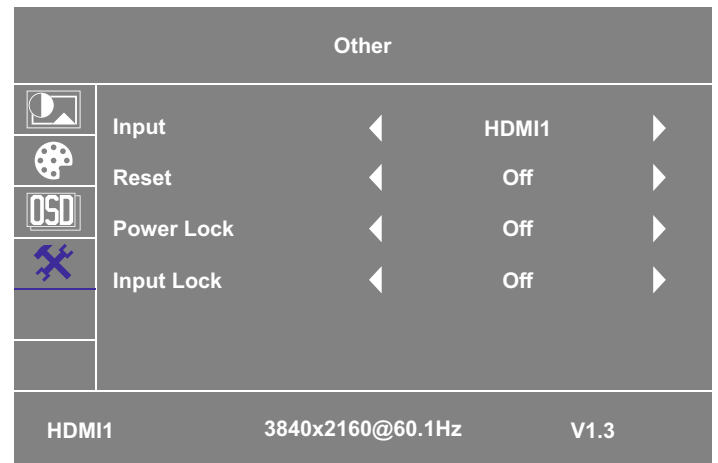
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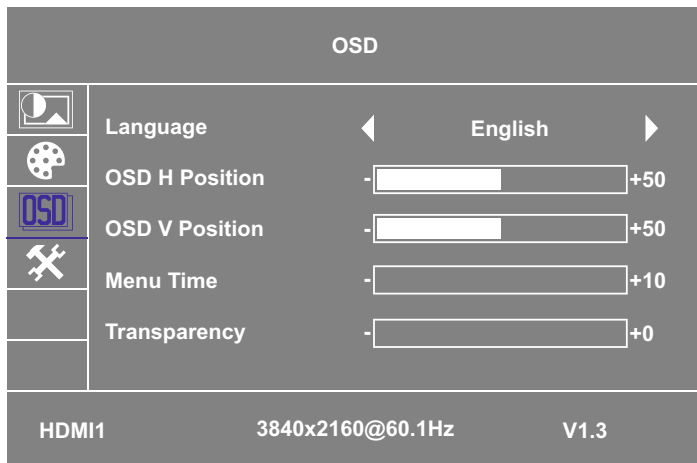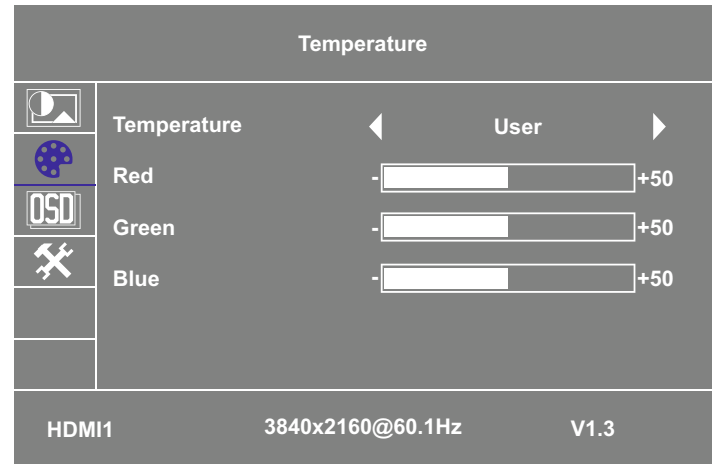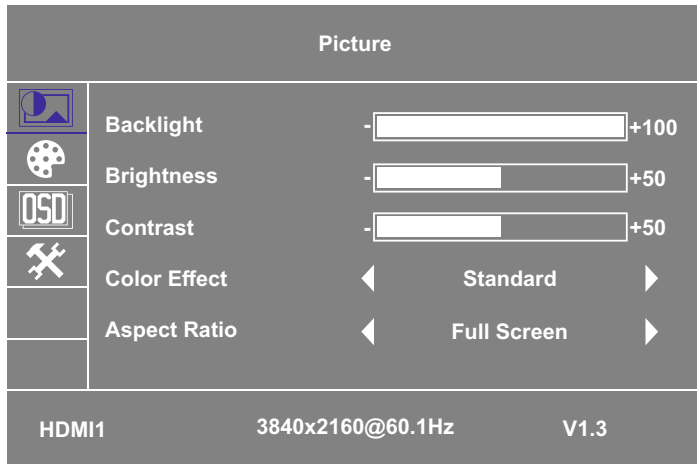
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1. **Back Side Control Buttons** - With these buttons, configuration settings are made. Once installed, the front side button has all the functionality the (end-)user needs.
   - **Power** - 2 second press for on and standby, short double press for changing source.
   - **Power Status Indicator** - Off in standby, lit when on.
   - **Down** - Down function within menu's.
   - **Up** - Up function within menu's.
   - **Enter** - Source select when no menu is open, in menu: select, open deeper page.
   - **Menu** - Open the settings menu, revert to previous menu level, close menu.
2. **19" Rack Mounting Brackets** - These optional brackets allow the screen to be seamlessly mounted between the rack rails of a 19" cabinet, ensuring a secure and professional fit.
3. **VESA100 Mounting Points** - With VESA100 mounting points on the back, the screen can be securely attached to any compatible VESA mount, offering flexibility for wall, arm, or stand installations. Only use M4 screws with a maximum length of 8 mm. to ensure proper installation and prevent internal damage to the monitor.
4. **Front Side Multifunctional Power Button** - Identical to back side button.
5. **Connections** - All external interfaces for the screen are conveniently located here, ensuring easy and organized connectivity.
   - **DC12V** - Connect the included AC-to-DC adapter to this power input.
   - **HDMI2** - Secondary HDMI port for video input.
   - **HDMI1** - Primary HDMI port for video input.
   - **DP** - DisplayPort connector for high-resolution video input.
   - **USB(Touch)** - USB-A port for connecting to devices that support USB-HID touch input functionality.

Menu structure
The on-screen menu has 4 tabs:
   - **Picture settings** - Parameters related to the displayed picture.
   - **Temperature settings** - Parameters related to the color temperature.
   - **OSD settings** - Parameters related to the on screen menu display.
   - **Other settings** - Other user definable settings.

Navigate through the menu's pages by using the Down, Up, Enter and Menu buttons.
On the next page the menu functions are explained.

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Picture

Backlight	- [========]	+100
Brightness	- [=====]	+50
Contrast	- [=====]	+50
Color Effect	◄ Standard	►
Aspect Ratio	◄ Full Screen	►

HDMI1   3840x2160@60.1Hz   V1.3

Temperature

Temperature	◄ User	►
Red	- [=====]	+50
Green	- [=====]	+50
Blue	- [=====]	+50

HDMI1   3840x2160@60.1Hz   V1.3

OSD

Language	◄ English	►
OSD H Position	- [=====]	+50
OSD V Position	- [=====]	+50
Menu Time	- [==]	+10
Transparency	- []	+0

HDMI1   3840x2160@60.1Hz   V1.3

Other

Input	◄ HDMI1	►
Reset	◄ Off	►
Power Lock	◄ Off	►
Input Lock	◄ Off	►

HDMI1   3840x2160@60.1Hz   V1.3

Picture
The Picture tab lists settings for tuning the screens Backlight, Brightness, Contrast, standard Color Effects, and the Aspect ratio.

Temperature
The Temperature tab lists settings for tuning the screens image temperature.

OSD
The OSD tab lists settings for tuning the on screen menu display.

Other
The Other tab list settings for Input selection, Reset to factory defaults, Power Lock and Input Lock.
- **Power Lock** - With Power Lock enabled, the power buttons are blocked from switching the device to standby.
- **Input Lock** - With Input Lock enabled, the power buttons are blocked from switching the device to another input by double pressing the button.

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Maintenance and warranty

To ensure the longevity and reliability of this touchscreen monitor, we have carefully selected high-quality components to make it as durable as possible. However, like all precision electronic devices, it may require proper care and maintenance over time to maintain optimal performance.

Issues with external interfaces, such as touch hosts or other connections, can sometimes arise due to dust or debris accumulation. Periodic cleaning of these areas is recommended. When cleaning, use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution safe for electronics. Avoid using abrasive materials or strong chemicals, as they may damage the screen's surface, connectors, or other components. Please note that improper cleaning or maintenance resulting in damage is not covered under warranty.

This product includes a two-year limited warranty, providing peace of mind and support for your purchase. The warranty period begins on the invoice date from the distributor to the dealer.

For best results, handle the monitor with care, and follow these guidelines to ensure long-lasting performance.

General specifications

Touch Technology	Projected Capacitive
Touch Points	Supports up to 10 simultaneous touch points
Display	17.3" LTPS TFT-LCD LCM
Aspect Ratio	16:9
Resolution	3840 (RGB) x 2160, UHD 255 PPI
Color Depth	1.07 billion colors, 98% DCI-P3 coverage
Luminance	500 cd/m² (Typ.)
Viewing Angle	89°/89°/89°/89° (Typ.) (CR ≥ 10)
Power Supply	100-250V AC 50-60 Hz to 12V DC power supply included.
Power Consumption	Maximum 36 Watts; Standby < 0.3 Watts
Dimensions	440,5 x 266 x 38 mm; or 19", 7U, depth 38 mm when rack-mounted
Weight	4,1 kg

For latest product information, visit our website:
www.newhank.com