

**TB50**

# LED DISPLAY CONTROLLER & MULTIMEDIA PLAYER NOVASTAR TAURUS TB50

The TB50 is a new generation of multimedia player created by Novastar for full-color LED displays.

This multimedia player integrates playback and sending capabilities, allowing users to publish content and control LED displays with a computer, mobile phone, or tablet. Working with our superior cloud-based publishing and monitoring platforms, such as ViPlex Express, Viplexx Handy App o VNNOX Cloud, the TB50 enables users to manage LED displays from an Internet-connected device anywhere, anytime. In addition, the TB50 can be remotely controlled via Ethernet, Wi-Fi or 4G network.

Support for multi-screen synchronous playback and synchronous and asynchronous modes make this multimedia player a perfect fit for a wide range of applications.

Thanks to its reliability, ease of use, and intelligent control, the TB50 becomes a winning choice for hotel, cinemas, commercial LED displays and smart city applications such as fixed displays, lamp-post displays, chain store displays, advertisement display, mirror displays, door head displays, shelf displays, hotels and cinemas.



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## PRODUCT DETAILS

### KEY FEATURES

Multimedia player with sending card capabilities

Loading capacity up to 1.300.000 pixels with max. width and height of 4096 pixels

Display control via devices such as PCs, mobile phones and tablets

Allows users to publish content and monitor screens anywhere, anytime

Wi-Fi AP and Wi-Fi STA modes

Synchronous and asynchronous modes

Synchronized playback across multiple screens: NTP and GPS synchronization

Supports Novastar 4G modules

Flawless playback up to 4K

### SPECIFICATIONS

Quad-core ARM A55 processor @1.8 GHz

**2x Gigabit Ethernet ports** set as primary by default but can set one as backup

1x TRS balanced 3.5mm audio output

1x HDMI 1.4 output connector (Max. output 1080p@60Hz, support for HDMI Loop)

1x HDMI 1.4 input connector for Synchronous mode

1x Gigabit Ethernet port for content publishing and screen control

1x USB 3.0 Type-A port for playback and firmware upgrade

1x USB Type-B port (Reserved)

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2x Sensor connectors for brightness or temperature sensors

1x Wi-Fi antenna connector

1x 4G antenna connector

1x GPS antenna connector

1x SIM card slot

1x Switch (Switches between synchronous and asynchronous mode)

LED indicators

**Input voltage** 100-240V, 50/60Hz

**Maximum power consumption** 18W

**RAM** 1 GB

**Internal storage** 16 GB

**Working temperature** from -20°C to +60°C

**Working humidity** 0% RH to 80% RH, non-condensing

**Product size** 274.3 x 139 x 40 mm (10.8 x 5.47 x 1.57 in)

**Product weight** 1.2 kg (2.64 lbs)

**IP rating** IP20