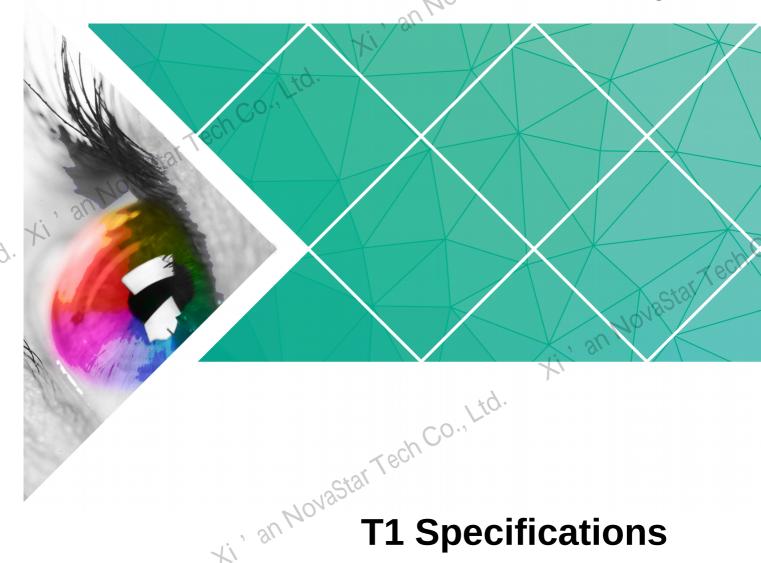


Taurus Series

Multimedia Players



T1 Specifications

Version: V1.0.0

NovaStar Tech Document Number: NS120100170

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Version	Release Date	Description	
	2017-11-30		
V1.0.0	2017-11-30	First release.	
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This chapter illustrates Taurus series products safety to ensure storage, transportation, installation and usage safety of the products.

Safety description is applicable to all personnel that contact or use the products. First, pay attention to following points:

- Read throughout the description.
- Save the whole description.
- Be complied with the whole description.

Tig. Xi, SU MOASE 1.1 Storage and Transport Safety

- Pay attention to dust and water prevention.
- Avoid long-term direct sunlight.
- Do not place the products at the position near fire and heat.
- an NovaStar Tech C Do not place the products in an area containing explosive materials.
- Do not place the products in strong electromagnetic environment.
- Place the products at a stable position to prevent damage or personal injury caused by dropping.
- Save the packing box and materials which will come in handy if you ever have to ship your products. For maximum protection, repack your product as it was originally packed at the factory.

1.2 Installation and Use Safety

- Only trained professionals may install the products.
- Do not insert and unplug (power cord plug) when the power is on.
- Ensure the safe grounding of the device.
- Be careful about electric shock risk.
- Always wear a wrist band and insulating gloves.
- Do not place the products in an area having more or strong shake.
- Perform dust removing regularly.

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- Do not maintain the products without authorization but contact NovaStar as soon as possible.

A Hardware Struc.

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2.1 Introduction

Taurus series products are the second generation of multimedia players dedicated to small and media size LED full color display developed by NovaStar.

T1 of the Taurus series products (herein after referred to as "T1") feature following advantages, better satisfying users' requirements: Tiq. Xi, su Monse

- Loading capacity up to 650,000 pixels
- Synchronization display
- Powerful processing capability
- Omnidirectional control plan

If the user has a high demand on synchronization, the time synchronization module is recommended. For details, please consult our technical staff.

In addition to program publishing and screen control via PC, mobile phones and LAN, the omnidirectional control plan also supports remote centralized publishing and monitoring.

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2.2 Application

Taurus series products can be widely used in LED commercial display field, such as bar screen, chain store screen, advertising machine, mirror screen, retail store screen, door head screen, on board screen and the screen requiring no PC.

Classification of Taurus' application cases is shown in Table 2.2.1.1.1.1.1.

Table 2.2.1.1.1.1.1 Application

	Classification	Description
TechCo	Market type	Advertising media: To be used for advertising and information promotion including bar screen and advertising machine.
Movastar		 Digital signage: To be used for signage display in retail stores including retail store screens and door head screens.
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J.a.	Classification	Description
		Commercial display: To display commercial information of hotel, cinema and shopping mall, such as chain store screens.
	Networking mode	 Independent screen: Use a PC or the client software of a mobile phone to enable single-point connection and management of a screen. Cluster screen: Use the cluster solution developed by NovaStar to realize centralized management and monitor of multiple screens.
	Connection type	 Wired connection: A PC connects to Taurus through the Ethernet cable or LAN. Wi-Fi connection: PC, Pad and mobile phone can connect to Taunus through Wi-Fi, which can be enabled in the case without PC in conjunction with ViPlex software.
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3.1 Synchronous Display

The T1 support switching on/off function of synchronous display.

When synchronous display is enabled, the same content can be played on different displays synchronously if the time of different T1 units are synchronous with one another and the same program is being played.

3.2 Powerful Processing Capability

- 1.5 GHz four-core processor
- Support for 1080P video hardware decoding
- Xi, Su Monastar Lech C 1 GB operating memory and 8 GB internal storage space

3.3 Omnidirectional Control Plan

Table 3.3.1.1.1.1.1 Control Plan

Control Plan	Connecting Mode	Client Terminal	Related Software
Program publishing and screen control through PC	Connection via network line Connection via Wi-Fi	PC	ViPlex Express NovaLCT-Taurus
Program publishing and screen control through LAN	Connection via LAN	PC	ViPlex Express NovaLCT-Taurus
Program publishing and screen control through mobile phone	Connection via Wi-Fi	Mobile phone and Pad	ViPlex Handy

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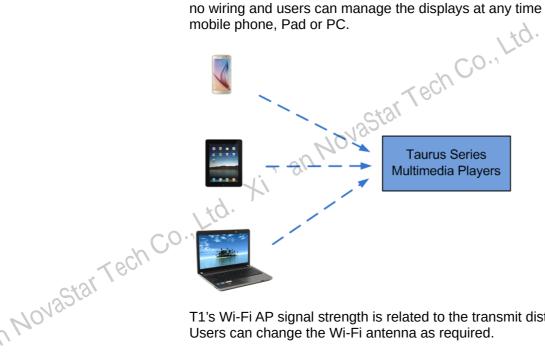
Control Plan	Connecting Mode	Client Terminal	Related Software
Cluster remote program publishing and screen control	Connection via network line Connection via Wi-Fi	Mobile phone, Pad and PC	VNNOX ViPlex Handy ViPlex Express
Cluster remote monitoring	Connection via network line Connection via Wi-Fi	Mobile phone, Pad and PC	NovaiCare ViPlex Handy ViPlex Express

Cluster control plan is a new internet control plan featuring following advantages:

- More efficient: Use the cloud service mode to process services through a uniform platform. For example, VNNOX is used to edit and publish programs, and NovaiCare is used to centrally monitor display status.
- More reliable: Ensure the reliability based on active and standby disaster recovery mechanism and data backup mechanism of the server.
- More safe: Ensure the system safety through channel encryption, data
- Easier to use: VNNOX and NovaiCare can be accessed through Web. As long as there is internet, operation can be performed anytime and anywhere.
- More effective. The sure of th More effective: This mode is more suitable for the commercial mode of advertising industry and digital signage industry, and makes information

3.4 Wi-Fi AP Connection

NovaStar Tech C The T1 has permanent Wi-Fi AP. The SSID is "AP + the last 8 digits of the SN", for example, "AP10000033", and the default password is "12345678". The T1 requires no wiring and users can manage the displays at any time by connecting to the T1 via mobile phone, Pad or PC.



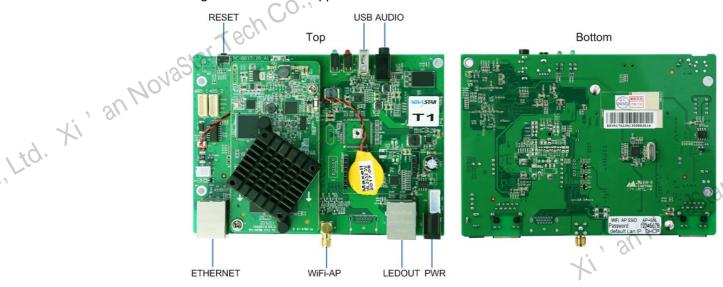
T1's Wi-Fi AP signal strength is related to the transmit distance and environment. Users can change the Wi-Fi antenna as required.

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Hardware Structure

4.1 Appearance

Figure 4.1.1.1.1.1 Appearance of T1

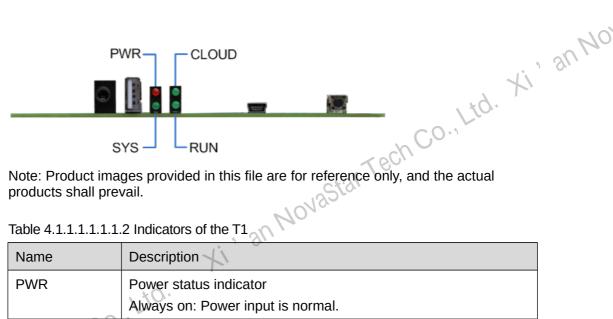


Note: Product images provided in this file are for reference only, and the actual products shall prevail.

Table 4.1.1.1.1.1.1 Connectors and buttons of the T1

	Name	Description
	AUDIO	Audio output
	USB 30	USB2.0 port
	RESET	Factory reset button, hold down for 5 seconds to reset to factory defaults
Co.	ETHERNET	Gigabit Ethernet port
Tech	WiFi-AP	Wi-Fi antenna port
MovaStar Tech Co.	LEDOUT	Output Ethernet port
Molas	PWR	Power input
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	Name	Description	
	PWR	Power status indicator	
	- 0	Always on: Power input is normal.	
	sys CO	System status indicator	
Tig. Xi, SUMOAS	tarteur	 Flashing once every 2 seconds: The system is operating normally. 	
		 Flashing once every 0.5 second: The system is downloading data from the Internet. 	
		 Always on/off: The system is operating abnormally. 	
1 td.	CLOUD	Internet connection status indicator	
-1		 Always on: The unit is connected to the Internet and the connection status is normal. 	
		 Flashing once every 2 seconds: The unit is connected to VNNOX and the connection status is normal. 	
	RUN	FPGA status indicator	
		Same as the signal indicator status of the sending card: FPGA is operating normally.	

4.2 Dimensions

vaStar Tech (The total thickness (board thickness + thickness of the components on the front and back side) is no greater than 15.2mm.

Unit of the dimension chart is "mm". Ground connection is enabled for location hole Monastar Lech Co. (GND).

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Software Structure Ki, SU MONS,

5.1 System Software

- Android operating system software
- Android terminal application software

Note: The third-party applications are not supported. 5.2 Related Configuration Software Table 5 2 1 1 1 1

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	ViPlex Handy	Mobile phone client software of the T1 includes Android and iOS which are mainly used for screen management, editing, and program publishing.
	ViPlex Express	PC client software of the T1 only includes Windows which is mainly used for screen management, editing, and program publishing.
	NovaLCT-Taurus	Display screen configuration software works in Windows only, and is used to adjust screens to the best display status.
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6 Specifications

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	T1 Item	Sub-Item	Specifications
	Physical	Dimension (H×W×D)	144.3 mm×111.7 mm×15.2 mm
	specifications	Weight	129.5 g
	specifications	Rated voltage	5 V DC
C		Rated current	2 A
3U MONSO		Maximum power consumption	15 W
X		Storage temperature	0°C-50°C
170.		Storage humidity	0% RH-80% RH
. 1		Operating temperature	-40°C-80°C
		Operating humidity	0% RH-80% RH
	,	Operating memory	1 GB
		Internal storage space	8 GB
	Packing	Dimension (H×W×D)	260 mm×210 mm×56 mm
	information	List	One bare card of T1 LED multimedia player
	3	List NOVASTAIT TECH CO	One column Wi- Fi omnidirectional antenna
Novastar Tech Co.	('haractarietice	• Support 6 maximum	650,000 pixel loading capacity, with width of 1920 pixels and maximum 1080 pixel.
rech		Support Wi-Fi AP connection.	
Ctar		• •	Gigabit wired network.
MO182.		Support stereo audio output.1-Way USB interface supports USB drive	
		importing	

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Onboard brightness sensor interface supports automatic and timing smart brightness Xi, an MovaStar Tech Co., Ltd

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