TFT 32" Display Single Sided – Outdoor

Technical features

Specification	32" External and Internal TFT display
Visualization technology	LCD/TFT with LED backlight
Display size (diagonal)	32"
Display Type	Passengers information at bus stations or stops
Screen resolution	1920 x 1080 pixels
Screen colors	10 bit (1.07 billion)
Backlight technology	LED
Number of faces	1 (single face)
Luminance	> 1000 cd/m2 typical
Contrast	4000:1 typical
Viewing angle	178°
MTBF / MTTR	50.000h / 30min.
Video controller type	Integrated PC
Video controller processor / memory / storage	2MB L2 Cache Quad Core, 1900 MHz FSB, 120GB SSD SATA3, 4GB RAM, equivalent or better
Video controller operating system	Windows or Linux (preloaded)
Video controller application software	Not Included
Data Line	Ethernet 10/100/1000 + modem 5G
Enclosure type	Aluminium enclosure – front opening for maintenance. IP65 and IK09 degree.
Front protection	Security anti-reflection glass – 6 mm – SUNSTOP type
Temperature range	-35°C to 55°C
Approx. size / weight	880 x 615 x 175 mm / 50 Kg
Power supply	230Vac +10% -10% (50Hz)
Power consumption	150W (350W IF TEMP<0°C)

This kind of displays will be installed at bus stations or suitable bus stops. These devices has been designed to be installed outdoor and are readable also in direct sunlight conditions.

Every display is an an intelligent unit, based on video LCD/TFT technology, whose purpose is to display variable information to Passengers. All monitors include the following main components:

✓ An intelligent video controller: This device is based on a standard PC architecture and is connected to the Central System (Local server) through the LAN or modem. The intelligent video controller is provided with Windows or Linux operating system.

✓ A TFT panel: This device is based on latest LCD/TFT technology and is responsible to visualize images at Full HD resolution.

✓ Sub systems and auxiliary components: These components perform all those functions that are not directly related to the visualization of information, but ensure a better readability and availability of the unit. Such components include the automatic luminance adjustment based on environment light sensor and the automatic temperature regulation and humidity check.

✓ Displays designed for 24/7 continous operation.