11.6" MEDICAL DISPLAY | DIS-120

FEATURES

- 11.6" IPS LCD Display (1920 x 1080 Resolution)
- 400 nits Standard Brightness (Optional 800 nits)
- Capacitive 10-Point Multi-Touch
- Rugged ABS + PC Chassis
- Compatible with 70 mm x 70 mm VESA Mounts
- IP54 Water & Dust Protection (Front Panel)
- USB Type-C (DP 1.4) and HDMI 1.4 Inputs
- Customizable display solutions for brightness, design, and connectivity needs

The Estone DIS-120 is an 11.6-inch high-resolution medical display designed for precision imaging and real-time patient monitoring, tailored to meet the diverse needs of healthcare applications. With a 1920x1080 resolution and 400 nits brightness (optional 800 nits), it delivers crystal-clear visuals in environments such as surgical rooms, ambulances, and telemedicine settings. The Capacitive 10-Point Multi-Touch screen supports glove-friendly operation, enhancing usability in critical medical scenarios. Featuring with USB Type-C (DP 1.4) and HDMI 1.4 inputs, the display ensures seamless connectivity with a variety of medical devices and diagnostic tools. Built with a durable ABS+PC chassis, the DIS-120 offers IP54-rated front-panel water and dust protection, along with ESD protection (Contact 8kV, Air 15kV) and a fire-resistant design (UL94 V-0), meeting the highest durability and safety standards. As an ODM provider, Estone Technology offers customization options to fit unique application requirements, making the DIS-120 an ideal solution for medical device manufacturers seeking reliable, high-performance displays for modern healthcare solutions.

SPECIFICATIONS

RUGGEDNESS

IP Rating	Front Panel: IP54
Fire Resistance Level	UL94 V-0
ESD Protection	Contact 8kV, Air 15kV

DISPLAY

Screen Size	11.6'' IPS LCD
Resolution	1920 x 1080
Brightness	400 nits (Optional 800 nits)
Aspect Ratio	16 : 9
Touch Screen	Capacitive 10-Point Multi-Touch Support Anti-Glare, Anti-Reflection

MECHANICAL

Chassis Material	ABS+PC
Mount Screw	70 mm x 70 mm VESA Mount

I/O & SENSOR

Sensor	Light Sensor
LED	Signal Input LED
I/O Options	1 x USB Type-C Input (with DP 1.4) 1 x HDMI 1.4 Input
Buttons	Menu Up/Down Power On/Off

ENVIRONMENTAL

Temperature:	
- Operation	0°C to 50°C
- Storage	-20°C to 60°C
Humidity	0% to 95% (Non-condensing)

REGULATORY

Certifications	FCC

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DIMENSIONS AND SYSTEM LAYOUT

APPLICATIONS

Operating Room: Display for endoscopic surgery and multi-device imaging.

Diagnosis Room: Display for image diagnosis and portable examination devices.

Ward Nursing: Display for vital signs, mobile nursing, and bedside examination devices.

Ambulance: Display for emergency data and real-time monitoring.

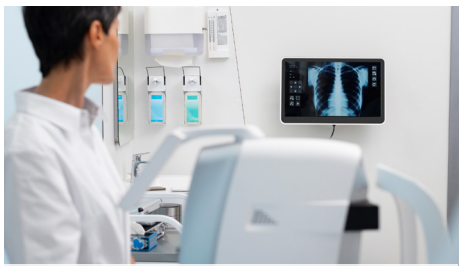
Outpatient: Display for mobile exams and doctor workstations.

Rehabilitation: Real-time feedback for rehab equipment and training.

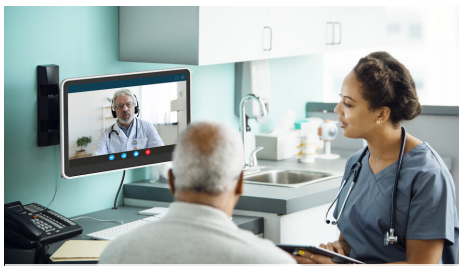
Telemedicine: Remote diagnosis and consultation display.

Laboratory: Microscope and real-time experiment display.

Mobile Medical: Supports ultrasound, glucose meters, and medical vehicles.


Diagnosis Display

Ward Nursing


Telemedicine

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