

# DT-190P-M1

## 19" PCAP Medical-Grade Touch Monitor



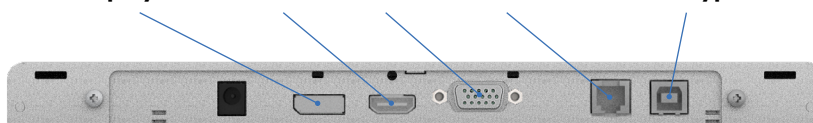
### Description

The DT-190P-M1 is a 19" standard format medical-grade monitor perfect for a wide range of healthcare applications including, nurses' stations, equipment/devices, laboratory instruments, medical carts, and advertising. This unique, 10-point touch monitor is specifically designed to enhance your medical space and end-user experience while maintaining a durable, compliant, and versatile product enabled by IP54 rated screens and IEC-60601-1-2 4<sup>th</sup> edition EMC compliance. Naturally intuitive, engineered performance, and designed for medical, this monitor combines a commonality of medical market requirements and consumer-grade touch experience into one solution.

### Featured Specifications

- Size: 19" TFT LCD
- Maximum Resolution: 1280 x 1024
- Contrast Ratio: 1000:1
- Aspect Ratio: 5:4
- Brightness: 350 nits (No Touch), 297 nits (P-CAP)
- View Angle: H: 178°, V: 178°
- Video Port: 1 x VGA, 1 x HDMI, 1 x DP
- Warranty: 3 year

DisplayPort    HDMI    VGA    Ethernet    USB 2.0 Type B



# Specifications

## Touch LCD Display

|                        |                      |
|------------------------|----------------------|
| Touch Screen           | Projected Capacitive |
| Touch Points           | 10                   |
| Touch Screen Interface | USB-HID (Type B)     |
| Screen Treatment       | Anti-Glare           |

## I/O Ports

|             |                                                    |
|-------------|----------------------------------------------------|
| Serial Port | 1 x RJ11 (for remote key)                          |
| USB Port    | 1 x USB 2.0 (Type B) for Touch Interface (USB-HID) |
| Video Port  | 1 x VGA, 1 x HDMI, 1 x DP                          |
| Audio Port  | –                                                  |
| Power Input | 1 x 2.1 mm 12V DC Jack                             |

## Color Calibration

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Color Temperature | 5500K / 6500K / 7500K / 9300K / User Definition            |
| Gamma Selection   | Native / Gamma 1.8 / Gamma 2.2 / DICOM Part 14, Calibrated |
| Gamma LUT (bits)  | 10                                                         |
| Scaling Mode      | Full / 5:4 / 4:3 / 16:9 / 1:1                              |

## Physical Properties

|                           |                                    |
|---------------------------|------------------------------------|
| Power Supply              | Medical External Power Adaptor 60W |
| Speaker                   | –                                  |
| Housing Color             | White                              |
| Construction              | Glass, SECC Metal, Plastic (ABS)   |
| Compliance                | Front Panel IP65                   |
| Dimensions (W x H x D) mm | 416.0 x 379.6 x 219.0              |
| Net Weight (kg)           | 6.7                                |
| Gross Weight (kg)         | 8.5                                |
| Carton (W x H x D) mm     | 500 x 460 x 295.0                  |
| VESA                      | 100 x 100 mm                       |
| Ball Drop                 | IK07                               |

## Safety

|                |                                                                                 |
|----------------|---------------------------------------------------------------------------------|
| Certifications | CE, CB, FCC, UL, CCC, RoHS, IEC-60601-1-2 4 <sup>th</sup> edition EMC compliant |
|----------------|---------------------------------------------------------------------------------|

## Environment

|                       |                                              |
|-----------------------|----------------------------------------------|
| Operating Temperature | 0° C ~ 40° C, 20% ~ 80% RH. Non-Condensing   |
| Storage Temperature   | -20° C ~ 60° C, 20% ~ 90% RH. Non-Condensing |

## Optional Peripheral

N/A



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