

CliniScape

10-inch ruggedized mobile clinical assistant



The CliniScape (MTCP-0110) mobile clinical assistant enables nurses and physicians to take more informed clinical decisions at the point of care by using an ultra-ergonomic and medical-grade touch-screen device that integrates all the features needed to increase patient safety and reduce administrative workload.

Ultra-ergonomic

- Lightweight design (approx. 1.8 kg) and back handgrip to minimize fatigue
- Grab & go docking station
- 10-inch XGA pen touch-screen combined with intuitive controls and LED indicators
- Smart swappable battery for seamless continuous operation

All-in-one functionality

- Microsoft® Genuine Windows® operating system
- Intel® Core™ Solo processor (1.2 GHz), 80 GB HDD, 2 GB DDR2 RAM
- Digital camera (2 MegaPixel) to capture pictures of patients' wounds
- Bluetooth® for cordless connection of external devices and vital sign sensors
- USB port behind rubber cover to interface with USB devices when not docked
- Built-in barcode scanner and RFID reader to support the five rights of patient safety
- Optional docking station with built-in battery charger, 3 USB ports and Ethernet connectivity

Medical appliance

- Easy to wipe clean to reduce spread of infection
- Durable design for maximum uptime (1m drop proof)
- Medical-grade certification for maximum patient protection

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Ultra-portable design

- Sleek, lightweight design with unique handgrip makes the unit easy to hold, carry, put away and grab again.
- Good viewing angle and optimal ventilation when the unit is laid down

Pen-based user input

Easy to hold stylus pen to select menu options, right-click, handwrite and enter text directly on the 10.4-inch XGA screen with electromagnetic digitizer

Touch buttons with LED controls

Nine soft touch buttons with LED indicator for convenient operation of user-programmable hot keys and embedded control buttons, including Bluetooth, WiFi, RFID, electronic keyboard, CTRL-ALT-DEL, rotate screen, system lock and cursor navigation

Medical-grade compliance

Optimized for minimal power leakage and low EMI to eliminate risk of interference with medical equipment around patients

Robust and sealed design

- Magnesium-alloy casing for extra durability and protection. Withstands 1m drop onto concrete
- Superior water and dust resistance
- Rubber protection cover for USB port and sealed docking connector
- Removable fan and sealed design to enable disinfection

Integrated functionality

Wireless mobile clinical assistant with integrated Bluetooth, RFID reader, digital camera and optional barcode scanner to ensure that the right patient receives the right care

Mobile performance

Intel® Core™ Solo 1.2 GHz processor technology combined with genuine Windows® operating system for maximum power, performance, flexibility and battery life

Smart battery swap

Easy battery exchange without disrupting applications currently in use thanks to unique smart swap functionality

Grab & go docking station

- The optional docking station allows you to store the unit while charging the battery and provides convenient desk-top access by placing the display at a comfortable height
- Three built-in USB ports and one RJ45 Ethernet jack enable easy connectivity
- Integrated battery slot to recharge a spare battery

Technical specifications CliniScape

System specifications

CPU	Intel® Core™ Solo
CPU speed	1.2 GHz
RAM size	2 GB DDR2 SDRAM
Hard disk	80 GB
Operating system	Microsoft® Genuine Windows® operating system

Display

Touch panel	Pen-sensitive digitizer type
Screen type	Transmissive TFT LCD
Screen size	10.4 inch/264 mm diagonal
Screen resolution	XGA (1024 x 768)
Active screen area	210.4 mm x 157.8 mm
Brightness	160 cd/m ² (typical)
Contrast ratio	250:1 (typical)
Display color	256k colors (18 bits)

Connectivity and controls

I/O Interfaces	USB port 18 - 26.5VDC power input jack Docking connector
Embedded devices	
- I/Os	IEEE 802.11 a/g/n WLAN Bluetooth 2.0+ EDR Built-in piezoelectric speakers
- Peripherals	RFID reader 2 MegaPixel picture camera 2D barcode imager (optional) Digitizer with inductive pen Camera activation button Barcode activation button Battery release button Power ON/OFF button Programmable hotkeys (x 3) ⁽¹⁾ WiFi enable hotkey ⁽¹⁾ Bluetooth enable hotkey ⁽¹⁾ RFID enable hotkey ⁽¹⁾ On-screen Keyboard hotkey ⁽¹⁾ System Lock hotkey ⁽¹⁾ Ctrl-Alt-Del hotkey ⁽¹⁾ Navigator functionality with hotkeys ⁽²⁾
Controls	
Indicators	Battery status LEDs (x 2) Power status LED Hotkey LEDs (x 9) ⁽¹⁾

Notes: ⁽¹⁾ Hotkeys have LED indicators

⁽²⁾ Alternate function

Docking station connectivity

I/O interfaces	USB ports (x 3) 100 Mbps wired LAN on RJ-45 18 - 26.5VDC power input jack
Embedded devices	Spare battery charger Spare battery (optional)



Power

AC/DC adapter In	100-240 VAC 1.5 A
AC/DC adapter Out	19 VDC 5.3 A
Battery type	Li-ion, rechargeable
Battery capacity	3900 mAh
Charge duration	Stand-by 6 days Operating 3,5 hrs (typical)

Physical characteristics

Dimensions	Width: 265.0 mm Height: 250.0 mm Depth: 29.5 mm Depth including handle: 78.0 mm
Weight	approx. 1.8 Kg (4 pounds) (ex LCD panel) 1 m (3 ft.) drop
Shock resistance	
Specials	Removable fan cartridge

Accessories

Included:

- AC/DC power adapter
- Stylus pen
- Power cord

Optional:

- Docking station
- VESA mounting adapter
- Stylus pen kit
- Spare battery
- Spare fan cartridge

Optional configurations

- 2D Barcode imager

Environmental specifications

- Temperature (operating) 0°C to 35°C
- Temperature (storage) -20 °C to 60°C

Applicable international standards

- Safety EN / IEC 60950-1, UL 60950-1
EN / IEC 60601-1
CAN/CSA-C22.2 No.691.1-M90
- EMC FCC CFR 47 P.15 Sub B - Class B
EN 55022 / CISPR 22 - Class B
EN 55024
EN / IEC 60601-1-2
EN 55011/ CISPR11 - Class B
FCC CFR 47 P.15 Sub C
RSS-210, SAR, IC ID
- Radio C-UL-US, CE, DEMKO, FCC
- Marks

M00340-R02-0411-DS

Technical specifications are subject to change without prior notice

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