

# MUIP-2213

13.3" touch user interface



- Sealed fanless thermal design (IPx3)
- Easy-to-use with surgical gloves and drapes
- Excellent image quality from any angle
- Ultra-low power consumption
- Long lifetime availability
- High Quad Core performance
- Multiple connectivity options
- Ultra-low power consumption
- 'A' ecolabel for a sustainable choice

Unlock the potential of your medical workspace with the MUIP-2213, Barco all-in-one user interface device tailored to smarter control in the interventional suite, cathlabs, hybrid OR, or quickly and seamlessly integrated into a wide range of mobile imaging systems, treatment, and robotic surgical devices.

### Seamless mobility and point-of-care treatment

- Support the demand for on-the-go applications across the hospital enterprise: it can be used in CathLab, Examination Rooms & Control Rooms, Surgical Rooms and Hybrid Operating Rooms, both inside and outside the patient area.
- Can be used for third party software applications that provide a user interface for medical systems.
- Can be desk, cart, arm, or boom mounted to accommodate a wide range of applications.

### Excellent image quality and intuitive touch control

- High-brightness, excellent contrast ratio and its anti-glare front glass makes it ideal for brightly lit clinical environment.
- Easy-to-use with surgical gloves and drapes thanks to its P-CAP Multi-Touch technology.
- Easy-to-see and effortless control due to the MUIP's combined crisp image quality and wide viewing angle

### Medical-Grade ITE Assurance

- Adheres to strictest medical-grade ITE standards and the latest design specifications.
- Sealed fanless thermal design with no ventilation holes eliminates any



- Sealed fanless thermal design with no ventilation holes eliminates any infection weak point.
- Its IPX3 rating protects against water, surgical fluids and contaminants and allows cleaning according to hospitals infection control guidelines.

### Seamless integration and rapid validation

- Engineered according to the most rigorous protocols validation of MUIP-2213 into a medical device or system is quick and streamlined
- Easily connect to any medical device or system via Ethernet or USB cable for hassle-free communication.

Powered by an Intel Pentium N6415 Quad Core CPU, 8 GB RAM, and a 128 GB SSD drive provides high-performance coupled with ultra-low power consumption and multiple connectivity options for a longer useful lifetime.

Configure your MUIP-2213 with the following optional configurations. Alternatively, Barco designs custom solutions from the ground up to deliver the exact performance you need. Minimum order quantities apply.

- Extend the RAM up to 16Gb
- Additional SSD
- Integrated WiFi/BT
- Integrated RFID

Visit <https://www.barco.com/en/products/medical-displays/custom-medical-displays>

The equipment is not intended to be used for displaying medical images, nor for diagnostic purposes.

## Product specifications

## MUIP-2213

### General specifications

Size	13.3"
Type	a-Si TFT-LCD
Viewing Angle	+/-80° (minimum)
Luminance	400 cd/m <sup>2</sup>
Resolution	1920x1080
Contrast Ratio	800:1 (typical)
Backlight	PLED
Touch Screen	PCAP multi-touch with 10 fingers (support gloves touch)
Software Driver	Windows
CPU	Intel Pentium N6415 Quad Core
System Memory	RAM: 8 GB
3D Graphics	Integrated Intel Graphic
Storage	SSD: 128 GB
Connectivity	I/O Interface I/O interface Specifications 2 x Gbps wired LAN (RJ45) 2 x USB 3.0 (USB type A) 1 x USB C (DC power IN, Video OUT) 1 x audio line OUT (3.5 mm Jack) 1 x DC power IN (Jack)
Power Input	12-24 V DC
Operating System -Primary	Windows 10 IoT
Audio Jack	1 x audio line OUT (3.5 mm Jack)
Color	Plastic housing RAL 9003
Mounting	75x75 mm VESA
Cooling	Fanless
Dimensions	334 mm X 226 mm X 38.8 mm
Weight	1.7 kg (without internal battery); 1.9 kg (with internal battery)
IP rating	IPX3
Operation Temperature	+10°C to 35°C (with battery); +0°C to 40°C (without battery)
Storage Temperature	-20°C to +50°C (with battery); -20°C to +60°C (without battery)
Package Drop	Follows ISTA 2A STD
Certifications	Product Classification and Marks Product Classification: ITE Medical Grade  AAMI ES60601-1:2005, ES60601-1:2005/AMD1 1:2012, ES60601-1:2005/AMD2:2021 CAN/CSA-C22.2 NO. 60601-1-14/A2:2022 IEC 60601-1:2005, AMD1:2012, AMD2:2020 EN 60601-1:2006/A1:2013/A12:2014/A2:2021 IEC 62368-1: 2018 EN IEC 62368-1:2020+A11:2020 IEC 60601-1-2: 2014 +A1:2020 EN 60601-1-2: 2015 +A1:2021  EMI specific:  FCC part 15 Class B ICES-003 Level B GB17625.1-2012; GB4943.1-2011; GB/T9254-2008  Applied marks:  Europe: CE (ITE), DEMKO US and Canada: UL, FCC, ICES-003 Japan: VCCI Australia: RCM China: CCC
Accessories included in the packing	Product Contents · Sealed Connector Cover · AC/DC Power Adapter (IN 100-240VAC; OUT 19 VDC) (depending on the model) · EU Power Cord (depending on the model) · US Power Cord (depending on the model) · User Guide (English)
BIOS	Insyde BIOS
Optional accessories	Desktop stand Country specific power cords
Power Consumption	Less than 13 W (Display ON)
Warranty	3 years
Operating Humidity	10% to 90% non condensing
Storage Humidity	10% to 90% non condensing
Operating Altitude	70 Kpa to 110 KPa

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