

Expression IP5

Information Portal

Technical Data Sheet

Part 865471



The Expression Information Portal is a non-MRI remote display and controller for wireless Philips and Invivo MRI Patient Monitoring systems (models indicated in the Expression IP5 Instructions for Use.) It can be used from the control room, induction, or recovery areas, for providing clinicians an enhanced monitoring, case management and connectivity experience.

The Expression IP5 consists of the following components

- Touch-screen display
- Radio module

Optional Components

- Strip-chart printer
- Wireless barcode scanner
- Wireless keyboard and mouse
- Uninterruptible Power Supply (UPS)
- Control room flex antenna
- Desk stand
- Wall arm (with optional extension arm for strip-chart printer)

Features and Benefits

- Wireless communication with MRI Patient Monitoring Systems
- Advance software design, with Adobe® AIR® for a rich, robust, touch user-interface experience
- Case Management for clinical ease of use and efficiency
- Ultimate MRI Patient Monitor connectivity experience for electronic patient-record keeping, using HL7 data output

Main Component

Display

- Color WSXGA liquid crystal display, 1440 x 900 pixels, with 5-wire touch screen (usable with gloves)
- Screen Size: 19 inches (48.3 cm) diagonally
- Color Depth: ≥ 8 bits per primary color
- Aspect Ratio: 16:9 width to height
- Refresh Rate: ≥ 60 Hz
- Sweep Speed: 25 mm/second provides 2.7 seconds of display
- Waveform Display Mode: Fixed trace, moving erase bar
- Audio speaker

The display shows five groups of user data:

- Informational
- Patient identification
- Vital signs trace
- Vital signs numeric
- System status

Physical Specifications

Height

- 13.04 inches (33.12 cm)
- With radio: 17.34 inches (44.04 cm)

Width

- 18.75 inches (47.63 cm)

Depth

- 6.45 inches (16.38 cm)

Weight

- 18.3 lbs. (8.3 Kg)
- With radio: 18.6 lbs. (8.4 Kg)

Environmental Specifications

Thermal

- Operating Temperature: 15°C to 35°C (59°F to 95°F)
- Storage Temperature: -20°C to 60°C (-4°F to 140°F)

Humidity

- Relative Humidity 15% to 80%, Non-condensing

Electrical Specifications

Power Requirements (display with radio only)

- Operating Voltage: 100 to 240 VAC
- Frequency: 50/60 Hz
- Current: 0.57 A @ 115VAC
- Power Consumption, Maximum: 65 Watts

Application Features

Alarms

- Single alarm severity (high priority)
- Visual alarm indicators, flashing numeric panes, messages and icons
- Audible alarms, user-configurable for volume, tone, silence and pause
- Configurable limits
 - Calculate Alarms function allows fast limit selections

Input/output Ports (Supported)

- Ethernet: 1
- Serial: 1
- USB 2.0: 6

Peripherals (Supported)

- Wireless barcode scanner
- Wireless keyboard and mouse
- USB strip-chart printer
- USB drive (<4GB)

Mounting Standard

- VESA standard 100 bolt pattern, four M4x10 threaded holes in a 100mm orthogonal square

Specifications

Safety Standards

- Conforms to UL STD 60601-1. Certified to CAN/CSA STD C22.2 No. 601.1
- Complies with IEC 60601-1, IEC 60601-1-2, IEC 60601-1-4, IEC 60601-1-6, IEC 60601-1-8, and where applicable, IEC 60601-2-27, IEC 60601-2-30, IEC 60601-2-34, IEC 60601-2-49, ISO 9919, and ISO 21647

Ordering Information

Standard Features

- **865471** Expression Information Portal (IP5)
 - Touch-screen display
 - Radio module
 - HL7 Data Output
 - **A01** Standard Accessories (Power adapter, line cord, instructions for use)

Optional Features

- **A03** Strip-Chart Printer
- **A04** Wireless Barcode Scanner
- **A05** Wireless Keyboard & Mouse
- **A06** Uninterruptible Power Supply (UPS)
- **A07** Control Room Flex Antenna
- **M01** Desk Stand
- **M03** Wall Arm
- **M04** Wall Arm with Printer Extension

Accessories

989803180211
Radio Kit, USB

989803179481
Power Adapter, IP5

989803168211
Line Cord, North America

989803174171
Line Cord, United Kingdom

453564177501
Line Cord, European

453564177511
Line Cord, Universal (Pigtail)

989803173901
Line Cord, Brazil

989803180241
Manual, Operator, IP5, Chinese, Simplified

989803180251
Manual, Operator, IP5, Chinese, Traditional

989803180261
Manual, Operator, IP5, Czech

989803180271
Manual, Operator, IP5, Danish

989803180281
Manual, Operator, IP5, Dutch

989803180291
Manual, Operator, IP5, English

989803180301
Manual, Operator, IP5, Finnish

989803180311
Manual, Operator, IP5, French

PHILIPS

989803180321

Manual, Operator, IP5, German

989803180331

Manual, Operator, IP5, Greek

989803180341

Manual, Operator, IP5, Hungarian

989803180351

Manual, Operator, IP5, Italian

989803180361

Manual, Operator, IP5, Japanese

989803180371

Manual, Operator, IP5, Norwegian

989803180381

Manual, Operator, IP5, Polish

989803180391

Manual, Operator, IP5, Portuguese

989803180401

Manual, Operator, IP5, Russian

989803180411

Manual, Operator, IP5, Slovak

989803180421

Manual, Operator, IP5, Spanish

989803180431

Manual, Operator, IP5, Swedish

989803180441

Manual, Operator, IP5, Turkish

989803180451

Manual, Service, IP5

989803181881

Printer Kit, Strip Chart, USB

989803181921

Desk Stand, IP5

989803179291

Wall Arm, IP5, 16"

989803181941

Arm Extension, Strip Chart Printer

989803178081

Bar Code Scanner, Wireless

989803178091

Keyboard and Mouse, Wireless

989803178101

UPS, 350VA

PHILIPS

For more information about the Philips Expression IP5 or any of our complete solution products, please contact us. We are glad to hear from you.

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