



For additional information, contact the Panasonic Inside Sales team at 800.652.8361 or visit us at panasonic.com/healthcare

© 2012 Panasonic Corporation of North America All rights reserved.

Executive Office: One Panasonic Way, 1F-10, Secaucus, NJ 07094







YOUR SINGLE-SOURCE PROVIDER FOR HEALTHCARE DISPLAY SOLUTIONS.

Providing the highest quality healthcare is increasingly about the management, distribution and accessibility of information to care providers, patients and their families. As a world-class manufacturer of professional displays and digital signage solutions, Panasonic is uniquely qualified to assist in assessing, installing and servicing your professional display requirements. To meet healthcare facilities' unique needs for durability and rugged reliability, Panasonic professional display solutions offer features, functionality and warranty support unmatched by consumer-grade displays.

No other healthcare technology partner can provide the breadth of professional display solutions and support services Panasonic offers. You can count on Panasonic for everything from system design, installation and service, to content creation and management. Whether planning digital signage content, integrating a real-time alarm and notification application or providing onsite service and equipment replacement through our Concierge Service Program, Panasonic wants to be your total supplier of professional displays for healthcare.



ENGAGING SOLUTIONS FROM THE DIGITAL SIGNAGE LEADER

Panasonic digital signage solutions help you connect with patients, visitors and caregivers throughout the hospital with crisp, clear images and text. Whether the goal is to inform, alert, promote, educate or entertain, Panasonic offers a robust, end-to-end digital signage solution. From a 152-inch Full HD (3D ready) plasma display to a 42-inch LCD, Panasonic has a broad family of models to satisfy your facility's unique requirements.

Depending on the specific model selected, Panasonic professional displays offer a wide range of terminal inputs — including HDMI, DVI-D, component and PC terminals and SLOT 2.0 — for diverse content and programming flexibility, easy system expansion and broad networking capabilities. Optional touch panel overlay enables interactive use with the touch of a finger.

From system design and installation, to content creation and management, you can count on Panasonic for a world-class digital signage network.

EFFICIENT PATIENT REGISTRATION, MEDICAL RECORD UPDATING AND HIGHEST LEVEL SECURITY

Hospitals rely on Panasonic Toughpad[™] tablets for streamlined patient admissions and efficient, secure EMR record updating. The device's rugged reliability and long battery life protect against the loss of information due to drops and bumps.

Panasonic video surveillance and security solutions — including security cameras, recorders, control systems and monitors — provide nurses, patients, staff and visitors with a safer environment. They are designed to integrate seamlessly with existing video security systems and are vandal-proof.



TECHNOLOGY SOLUTIONS



HD PROFESSIONAL PLASMA DISPLAY

- 1920 x 1080 pixels HD resolution
- Service life of 100,000 hours
- Contrast ratio of 5,000,000:1



TOUGHPAD A1 TABLET

- Android[™]-Powered Tablet
- 10.1" multi touch + digitizer screen
- Durable, fully rugged design



SECURITY CAMERA

- Face detection and facing matching with i-PRO Smart HD technology
- Vandal-resistant designs



CLEAR, EFFICIENT COMMUNICATION AND DATA MANAGEMENT

Whether it's a hospital network operations center, security desk or nurses' station, the ability to share information quickly and efficiently is crucial. From system alerts and announcements, to patient monitoring, medical personnel rely on clear communication to provide the best possible care.

Panasonic HD professional displays offer the industry's best image quality with unequaled sharpness and brightness. From a single display, to a multi-display video wall, to a display network spanning multiple locations, Panasonic professional LCD and plasma displays can provide superior picture quality, faithful color reproduction and a wide viewing angle for moving and static images.

Panasonic Toughbook[®] mobile computers are built to be durable and reliable enough to endure the 24/7 pace of a busy healthcare facility. From fully-sealed, highly sanitizable handheld devices to durable, lightweight, convertible tablet PCs, there is a Toughbook device to meet the unique needs and preferences of every healthcare user. Equipped with spillresistant keyboards, shock-mounted hard drives, drop-resistant housings and built-in wireless technologies, they have the lowest annual failure rates in the industry today. Not surprisingly, when it comes to getting maximum uptime and productivity, Toughbook computers are the product of choice in healthcare.

Panasonic Direct Care Connect integrates with a nurse call system and a Panasonic phone system to relay patient requests for assistance directly to a caregiver's cordless handset.

Panasonic professional document management and imaging solutions — including copiers, scanners, printers and business fax machines — are engineered to provide exceptional performance, dependability and outstanding quality at an affordable price.



TECHNOLOGY SOLUTIONS



HD PROFESSIONAL LCD DISPLAY

- 1920 x 1080 pixels HD resolution
- Plug-in PC ready
- Brightness 700 cd/m²



DIRECT CARE CONNECT

- Integrates with 3rd-party nurse call systems
- Provides quick and direct access to caregivers and staff



8-IN-1 MULTI FUNCTION COMMUNICATION CENTER

- Includes printing, color scanning, copying, fax, phone and digital answering system
- Lightweight and compact

SECURITY CAMERA

- Face detection and facing matching with i-PRO Smart HD technology
- Vandal-resistant designs





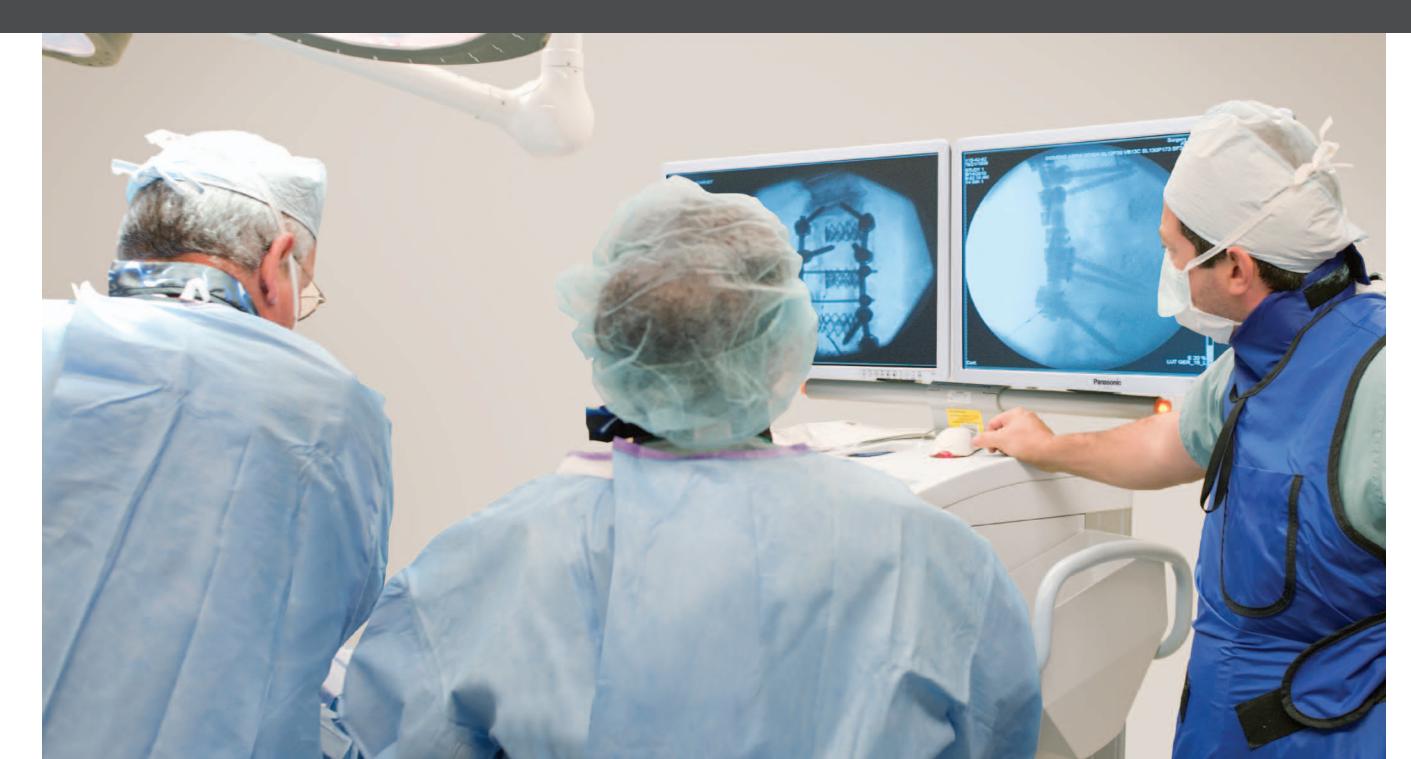
MEDICAL-GRADE CERTIFIED, Hospital-tested performance

Medical personnel in the surgical theater rely on Panasonic solutions to consistently perform to a high quality standard. Panasonic Full HD, widescreen medical monitors are designed and certified for the operating room environment. Fully ruggedized, sealed and sanitizable, they feature In-Plane Switching technology, IPS-Pro, for excellent color accuracy, even at wide-angle viewing, as well as three simultaneous window displays to show surgical image, vital signs and more.

The Panasonic surgical image memory card portable recorder can attach to any HD source (i.e., video gastroscope, video laparoscopy tower and arthroscope) and record procedures in Full HD 1080p. The recorder enables surgeons, nurses and anesthesiologists to view color-accurate surgical images, even in the bright-light conditions of the operating room. A medicalgrade camera head can attach to provide exceptional detail and image stabilization.

Other medical-grade camera systems include HD remote camera heads and HD microscope cameras that can be used to document a wide variety of medical applications.

Fully-sealed, highly sanitizable, rugged Toughbook[®] computers can be used as a hands-free, cart-based solution in the operating room. With long battery life and countless integrated features, including 2MP camera and bar code scanner, Toughbook mobile computers are the ideal solution to optimize patient care.



TECHNOLOGY SOLUTIONS



WIDESCREEN HD MEDICAL-GRADE MONITOR

- Designed and certified for operating room use
- In-Plane Switching Technology provides excellent color accuracy & image quality
- Multiple HD inputs

HD REMOTE HEAD CAMERA SYSTEMS

- Outstanding image resolution (native 1080p/60p HDMI)
- Superior color accuracy
- Ideal for use with surgical microscopes



FULL HD OPERATING ROOM Recording system

- Full HD image capture with superior color accuracy
- Digital recording in H.264 format on SDHC memory cards (up to 12hrs)
- Remotely controllable camera (optional)

TOUGHBOOK 19

- Fully rugged convertible tablet PC
- 10.4" screen
- 6-foot drop rated





DISPLAYS DESIGNED FOR THE PATIENT ROOM ENVIRONMENT

The Panasonic healthcare grade LRH30 Series 32-inch LCD HDTV is built for patient room, lobby and waiting room use in hospitals in accordance with UL 60065 Annex Q safety requirements. Designed to work with either a digital or a single-button analog (switch-style) pillow speaker, it supports pillow speakers with a number pad for direct channel access. Weighing just 21 lbs. with a depth of 3.3 inches, the LRH30 Series display can be easily wall mounted and provides patients and visitors with a flat-screen, high-definition viewing experience.

It features built-in tri-band tuners, hidden speakers and energysaving efficiency. The display's SD card slot allows viewing of digital camera images saved on SD memory cards, while Pro:Idiom[®] compatibility allows system-wide cloning from a single location. Integrated *b*-LAN[™] supports LodgeNet HD VOD (other VOD supported via MTI). Onsite service and support is provided through Panasonic's Concierge service program.

MOBILE ACCESS TO MEDICAL RECORDS AND PATIENT INFORMATION

Whether at a patient's bedside or consulting other professionals, physicians rely on durable, mobile computers to keep pace with a demanding medical practice. The Panasonic Toughpad[™] and Toughbook[®] mobile devices provide reliable embedded wireless connectivity and the durability required for managing electronic medical records on the go. The lightweight devices are engineered to withstand bumps, spills and drops.



TECHNOLOGY SOLUTIONS



LRH30 SERIES HEALTHCARE GRADE DISPLAY

- 32-inch LCD
- UL 60065 Annex Q certified for patient room use
- Fully compatible with all major brand pillow speaker interface systems
- SD card slot allows viewing of digital camera images



- 12.1" Convertible Tablet PC
- Spill-resistant keyboard
- Hot-swappable twin batteries



BIG-PICTURE THINKING

Panasonic wants to be your single-source supplier for all your hospital board room technological needs. With a full suite of professional displays, projectors, interactive whiteboards, video conferencing solutions and rugged Toughbook® mobile computing solutions, Panasonic is uniquely positioned to deliver a range of business solutions engineered to the same standard of high quality and reliability you've come to expect.

Our large-format plasma displays (85-, 103- and 152-inch) create an exciting world of viewing realism and take video conferencing to another level.

Panasonic's full lineup of large-venue, fixed installation, portable and short-throw projectors feature outstanding image quality, reliability, ease of use and flexibility in small or large spaces.

Interactive whiteboards, such as our multi-touch, Elite Panaboard, make it easy to share images, data and text with a group. You can interact with the information on the screen with your fingers or an electronic, multi-function pen.

You can connect with colleagues globally with Panasonic's state-of-the-art HD video conferencing solution. It combines full 1080i video and 360° HD full duplex audio that creates an unrivaled immersive experience that is truly the closest thing to being there.



TECHNOLOGY SOLUTIONS



103" HIGH DEFINITION PROFESSIONAL PLASMA DISPLAY

- Stunning Full HD image quality (1920 x 1080 pixel resolution)
- Service life of 100,000 hours
- 3-year warranty

MULTI-TOUCH INTERACTIVE ELITE PANABOARD

- 86-inch / 77-inch whiteboard
- Multi-touch and electronic pen compatible



SHORT THROW PROJECTOR

- 2,500 lumens of brightness, XGA (1,024 x 768) resolution
- A 60" image can be projected from less than 24" away.
- Ideal for use with an interactive white boards

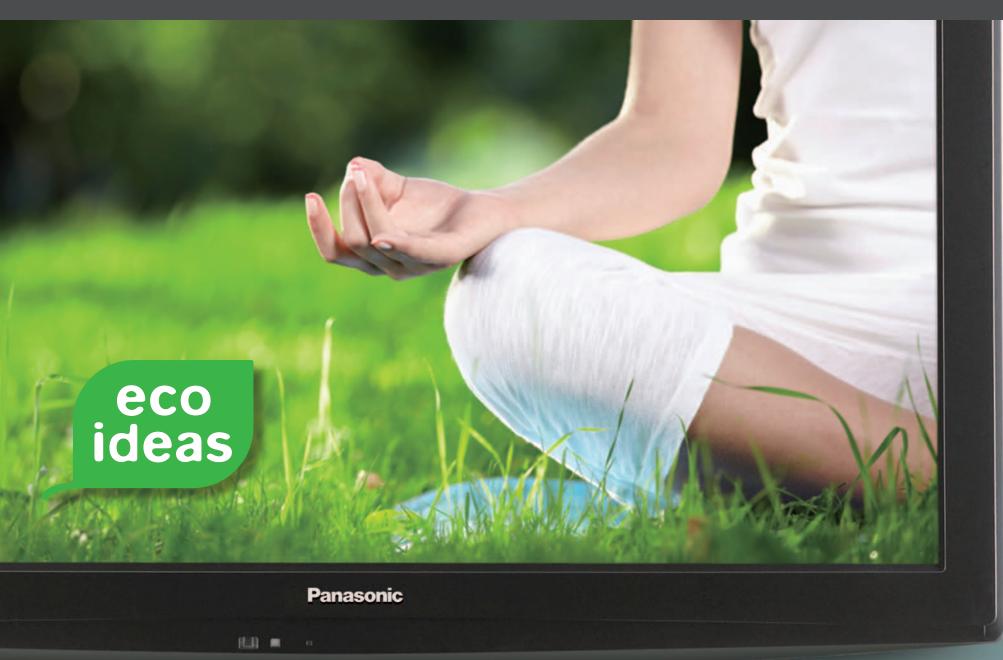
HIGH DEFINITION VISUAL COMMUNICATIONS SOLUTION

- Ideal video conferencing solution
- Full HD 1080i video
- Easy Operation and interoperability with other systems
- Completely scalable HD imagery





Panasonic ideas for life



GREEN INNOVATION IS A PRIORITY.

WHY PROFESSIONAL GRADE DISPLAYS VS. **CONSUMER MODELS FOR HEALTHCARE?**

Healthcare and commercial environments demand a higher level of product performance than consumer displays can deliver. Panasonic professional displays are built to meet the requirements of business with hours of guaranteed usage and industry-leading warranties. From more durable, commercial-grade materials, to multi-function slot inputs, here are just a few examples of why you should invest in a professional display for your medical facility:

| | PROFESSIONAL | CONSUMER |
|---|---|---|
| Purpose | Multiple application business use | TV viewing |
| Picture Quality | Focus is on image accuracy | Focus is on viewing modes |
| Interface | Interchangeable slots allow a wide variety of inputs – SD-SDI, HD-SDI, Dual link HD-SDI options | Fixed terminals; no SDI options |
| Studio Modes | Monitor mode, studio white balance, etc. | None |
| Operation | Designed to operate 8+ hours/day, 7 days a week | Designed for more limited viewing |
| Lifespan | 50,000 to 100,000 hours | 25,000 to 30,000 hours on typical models |
| Processing | Discrete ICs allow complex processing (RGB, gamma, format conversion/scaling noise reduction) | Single-chip processing |
| Vertical Mounting/Portrait Operation | Possible | Not possible |
| Multi-Display Wall Capability | Easily configured for tiled video walls | Not designed for display walls |
| Patient Room-Specific Displays Pillow Speaker Interface UL 60065 Annex Q Compliance | Yes on LRH30 Yes on LRH30 | No No |
| Warranty | Guaranteed for commercial use On site Concierge service | Typically voided when used in a commercial environment |

CONCIERGE SERVICE PROGRAM FOR ONSITE SERVICE & SUPPORT

With some of the best technical maintenance support in the industry, Panasonic stands solidly behind our professional displays performance and makes sure you're guaranteed expeditious service through our Concierge Service Program.

Our Concierge Service Program includes a dedicated Toll-Free Hotline, On-Line Service Request, Priority Service Scheduling and Live Chat with expert service technicians. On-site repair and loaner displays are also possible. Authorized Panasonic Service Centers are located strategically across the country to provide quick turnaround to any service request.