A unique bedside TV
With incredible functionality for your patients

This unique Hospitality TV is the perfect solution to install near the patient's bed. Designed to complement healthcare environments, it avoids disturbance to other patients and maximises comfort by creating a private viewing experience.

**Great viewing experience and patient comfort**
- LED TV for images with incredible contrast
- Low power consumption

**Specifically designed for Healthcare environments**
- White aesthetics for the healthcare environment
- Illuminated front touch control keys with proximity detection
- Antimicrobial housing actively inhibits bacterial growth
- Galvanically isolated headphone connection
- Medical-grade power supply ensures safety with low emission

**Advanced healthcare features and future proof**
- SmartInstall for easy remote installation and maintenance
- SmartInfo for branded, interactive healthcare info pages
- Smart TV apps with many dedicated services for hospitality
- MyChoice compatibility for recurring revenues
- Serial Xpress Protocol for interactive systems
Professional LED TV
19" HeartLine LED, DVB-T2/T/C & IPTV

Highlights

**LED TV**
With LED backlight you can enjoy low power consumption and beautiful lines combined with high brightness, incredible contrast and vibrant colours.

**White aesthetics**
White design with round corners for a more friendly appearance in healthcare environments.

**SmartInstall**
SmartInstall makes the installation and maintenance of your TVs effortless. With a simple to use web tool, you can now remotely configure and install your TVs without visiting any rooms! This saves you time and makes sure your guests are not disturbed. Whether it is updating the hotel info pages or installing new channels, SmartInstall can handle all.

**SmartInfo**
SmartInfo allows you to easily provide hospital or healthcare information to your patients. Your patients have access to this interactive hospital webpage even when the TV is not connected to your intranet or internet. You can change the information regularly and easily keep your patients up to date with all the latest information.

**Front touch control**
The innovative Bedside TV features a smart touch control panel on the bottom of the TV for a personalised user experience. The illuminated control keys provide easy navigation even in the dark. The flat cleanable surface and keypad lock make it easy to clean.

**Medical-grade power supply**
Basic safety, essential performance and reliability are essential requirements in a professional clinical environment. Unlike standard TVs, Philips HeartLine employ special medical-grade power supplies in order to meet these requirements. It complies with EN/IEC 60601-1 standard ensuring basic safety and essential performance. Additionally it also complies with EN/IEC 60601-1-2 collateral standard for medical-grade electromagnetic tests and compatibility. Many countries, hospitals and clinics mandate compliance to these standards as a requirement.

**headphone connection**
The headphone connection is galvanically isolated to ensure the safest possible separation of the headphone connector from the electrical environment near the patient’s bed.

**Antimicrobial housing**
Germs have become a growing problem in hospitals and clinical environments worldwide as they can cause life-threatening infections. Philips HeartLine TVs take care of this challenge by using a JIS Z2801-compliant antimicrobial additive in its housing material, making it an integral part of the display housing. The well-being of your patients is now assured by this protective shield that impedes the growth of most common microorganisms such as Staphylococcus aureus (Gastroenteritis), Escherichia coli (E Coli) and Klebsiella (Pneumonia), for example.

**MyChoice compatible**
MyChoice offers a simple and low-cost way to offer your guests premium TV channels. At the same time it delivers an additional revenue stream which allows you to recover your initial TV investment.

**Smart TV apps**
Philips Smart TV apps consist of an ever-growing choice of applications ranging from YouTube to social networking apps and many more. The dedicated version is tailored for hospitality use and has several added benefits, such as making sure guest information is securely deleted after use and avoiding illegal content that could harm your business.

**Serial Xpress Protocol (SXP)**
The TV can be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Protocol (SXP).

**On-screen clock display**
With our new on-screen clock display, guests can easily access the current time. At the push of a button the clock is displayed on the TV screen combining enhanced visibility and lower power consumption.

**Low power consumption**
Philips TVs are designed to minimise power consumption. This will not only reduce environmental impact but also lower operating costs.
### Picture/Display
- **Display:** LED HD TV
- **Diagonal screen size:** 19 inch / 47 cm
- **Aspect ratio:** 16:9
- **Panel resolution:** 1366 x 768p
- **Aspect ratio:** 16:9
- **Brightness:** 200 cd/m²
- **Panel resolution:** 1366 x 768p
- **Viewing angle:** 170º (H)/160º (V)
- **Picture enhancement:** 200 Hz Perfect Motion Rate, Pixel Plus HD
- **Local control:** Capacitive Touch Control
- **Ease of use:** Picture Style, Sound Style
- **Hotel mode:** Menu lock, Installation Menu lock
- **Digital services:** 8d EPG, Now and Next, MHEG
- **Features:** RJ48: IR-In/Out, Serial Xpress interface
- **LAN:** Wake up on LAN
- **EasyLink (HDMI CEC):** One touch play, System
- **HDMI:** ARC (all ports)
- **USB:** 'Charging port only' mode
- **Connectivity Enhancements:** Headphone out: Mini-Jack
- **Headphone out:** Mini-Jack
- **Connectivity:** HDMI 2.0, HDMI 1.4
- **USB:** 2.0, USB 2.0
- **Ease of use:** Picture Style, Sound Style
- **Local control:** Capacitive Touch Control
- **Hospitality Features:** Hotel mode: Menu lock, Installation Menu Lock

### Audio
- **Sound output Power:** 5 (2x2.5) W
- **Speakers:** 2.0, Front Firing
- **Bathroom speaker out:** 1.5 W Mono 8 ohm
- **Sound Features:** AVL, Incredible surround, Dynamic Bass, Dolby MS10

### Specifications
- **Volume limitation, Local Control Lock**
- **Prison mode:** high-security mode, TXT/MHEG/
  USB/EPG/Subtitle Lock
- **SmartInfo:** HTML5 Browser, Interactive
  Templates, Picture Side Show
- **CMND&Control:** Off-Line Channel Editor, Off-
  Line Settings Editor, Real-time TV Status (IP),
  Remote Management over IP/IR, CMND&Create,
  TV Group management
- **Your brand:** SmartInfo, Welcome Logo, SmartTV
  Custom Background, Welcome Message, Customisable Dashboard (HTML), IPTV System
- **Apps:** AppControl, Cloud-based Apps
- **Revenue generation:** MyChoice
- **Cloning and Firmware update:** Instant Initial
  Cloning, Via USB/RJ45
- **Timer:** Sleep Timer, Wake Up Alarm, Wake Up
  On Channel, Wake Up Sounds
- **Clock:** Clock in Standby Mode, On-screen Clock,
  Optional External Clock
- **Channels:** Combined List
- **Interactive DRM:** VSecure, Playready
  Smoothstreaming
- **Control:** Block Automatic Channel Update, Serial
  Xpress Protocol, JSON API for TV Control-JAPIT
- **Power control:** Auto Power ON, Greens/fast start-
  up, WoLAN
- **Switch On control:** Channel, Feature, Picture
  Format, Volume
- **Anti-Theft:** Kensington Lock

### Design
- **Colour:** White

### Tuner/Reception/Transmission
- **Digital TV:** DVB-T2/T/C
- **Teletext:** HbbTV
- **Multimedia connections:** USB, LAN
- **Support:** Video playback supported: Formats: H.264/MPEG4
  AVC, MPEG1, MPEG2, MPEG4, WMV9/VC1,
  Containers: AVI, MKV, 3GP, ASF, M2TS, M4V,
  MP4, MPG, PS, Quicktime, TS, WMV
- **Subtitle formats supported:** SRT, ASS, SMI, SSA,
  Subtitles, TXT
- **Music formats supported:** MP3, AAC, WAV, WMA

### Power
- **Input:** 12 V DC
- **External power supply:** 50-60Hz, AC 100-240 V,
  XXL DC cable 3.5 m, Medical cert. IEC/EN60601-
  1
- **Energy Label Class:** A+
- **Annual energy consumption:** 19 kW·h
- **Standby power consumption:** <0.5 W
- **Power Saving Features:** Eco mode
- **Ambient temperature:** 0 °C to 40 °C

### Dimensions
- **Set dimensions (excl. handle):** (W x H x D): 446 x
  293 x 38 mm
- **Product weight:** 2.4 kg
- **VESA wall mount compatible:** M4, 75 x 75 mm
- **Product weight (+Handle):** 2.6 kg

### Connectivity
- **Antenna:** IEC-75
- **HDMI1:** HDMI 1.4
- **Ethernet (LAN):** RJ-45
- **External Control:** RJ-48
- **USB1:** USB 2.0
- **HDMI2:** HDMI 1.4
- **Side Connectivity:** Headphone out: Mini-Jack
- **USB:** Charging port only
- **HDMI3:** ARC (all ports)
- **EasyLink (HDMI CEC):** One touch play, System
  Standby, RC pass through, system audio control
- **LAN:** Wake up on LAN
- **Ethernet:** RJ48: IR-In/Out, Serial Xpress interface

### Features
- **Digital services:** 8d EPG, Now and Next, MHEG,
  Teletext, HbbTV
- **Ease of use:** Picture Style, Sound Style
- **Local control:** Capacitive Touch Control

### Hospitality Features
- **Hotel mode:** Menu lock, Installation Menu Lock

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*Remote Control not included. Optional remote control is required during installation of the TV. Some features cannot be operated without optional remote control.*

*Availability of features will depend on implementation chosen by integrator.*

*Typical on-mode power consumption measured according to IEC62087 Ed 2. The actual energy consumption will depend on how the TV is used.*

*This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.*