

Philips
Professional LED TV

28" MediaSuite

LED
DVB-T2/T/C MPEG 2/4

28HFL5009D



Connect and control

with OXIGEN for future-proof guest experience

With this energy-efficient Hotel LED TV, you will enjoy all the benefits of state-of-the-art connectivity and interactive hotel info pages while being assured that remote installation and management safeguards the lowest cost of ownership.

Philips OXIGEN - unique connectivity and management

- Philips OXIGEN for latest connectivity and best total cost
- Smart TV apps with many dedicated services for hospitality
- AppControl to add, sort and delete apps with minimum effort
- SmartInfo for branded, interactive hotel info pages
- SmartInstall for easy remote installation and maintenance
- Miracast and DirectShare to share movies and music on your TV

Advanced hotel features and future proof

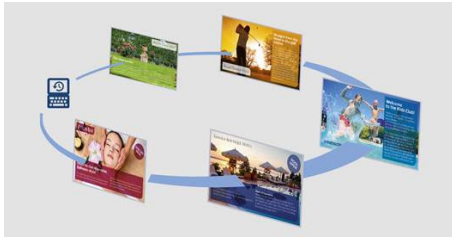
- Brilliant LED images with low power consumption
- Integrated IPTV system for optimal customised interactivity
- Serial Xpress Protocol for interactive systems
- MyChoice compatibility for recurring revenues
- Integrated Wi-Fi to use Smart TV wirelessly
- Integrated Connectivity Panel
- On-screen clock display for optimal guest convenience



PHILIPS

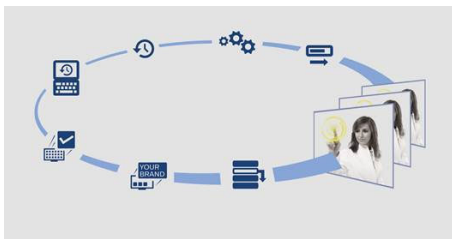
Highlights

SmartInfo



SmartInfo allows you to provide hotel or city information to your guests. Your guests have access to this interactive hotel webpage even when the TV is not connected to your intranet or the Internet. You can change the information regularly and easily to keep your guests up to date with all the latest developments at your hotel.

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.

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 preventing illegal content from harming your business. With our shared revenue you have the opportunity to

earn back the cost of bandwidth used by your guests.

AppControl

App control allows you to give your guests the TV applications of their dreams. You are able to add, delete and sort all the apps in the way you want. Even better, you can now clone these settings to any other TV without having to set up the other TV as well! You can even make various profiles and change on the fly. Do you want to give your suites the high-bandwidth video apps and your other rooms the low-bandwidth apps? No problem. App control makes sure you and your guest have a smooth experience.

Miracast and DirectShare



Our TVs give your guests the freedom to enjoy their content on the big TV wirelessly and without hassle. With our open system approach we serve iOS as well as Android users and continuously extend our compatibility. Our secure sharing protects your guests. Pictures, movies, music — it can all be shared and enjoyed on our TVs via Miracast and DirectShare!

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.

Integrated IPTV

Save costs and clutter. With our new Smart TVs you can build your hotel system directly on the TV. Interactive channels, video-on-demand, interactive hotel menus and information as well as online ordering systems are all possible without an external box attached to the TV. As well as delivering content over coax TV cables, you can now also use your Internet network to deliver your TV channels or VOD directly to the TV. Our partner network can make sure you get the customised portal you want.

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).



OXIGEN

Unique connectivity and management
Philips OXIGEN is a complete solution that provides you with all you need in Hospitality TV. The innovative features are designed to give both guests and professionals the latest in connectivity while ensuring the lowest cost of ownership. OXIGEN connectivity offers access to cloud-based online apps and ensures that mobile devices can communicate with the TV, while remote management tools as well as additional revenue opportunities optimise earnings throughout the product lifecycle.

Specifications

Oxygen

- SmartInstall: offline channel editing, offline settings editing, remote installation, SmartInfo creation, software upgrade
- SmartInfo: Picture slideshow or browser, interactive templates
- Smart TV apps: cloud-based apps for HotelTV
- AppControl: Multiple SmartTV App profiles
- Sharing: Secured Pairing, DirectShare DLNA Wi-Fi Direct, Wi-Fi Miracast

Picture/Display

- Display: LED HD TV
- Diagonal screen size: 28 inch / 71 cm
- Aspect ratio: 16:9
- Panel resolution: 1366 x 768p
- Brightness: 300 cd/m²
- Viewing angle: 178° (H)/178° (V)
- Picture enhancement: Digital Crystal Clear

Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920 x 1080p

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Digital TV: DVB-T MPEG2/MPEG4, DVB-C MPEG2/MPEG4, DVB-T2, HbbTv (EU)
- TV system: PAL, SECAM
- Video Playback: PAL, SECAM, NTSC
- IP Playback: IGMP Multicast, Unicast

Sound

- Sound System: Incredible Surround

Connectivity

- Number of USBs: 1
- Number of HDMI connections: 2
- Number of components in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- EasyLink (HDMI-CEC): One touch play, System standby
- Other connections: Antenna IEC75, Headphone out, PC-in VGA + Audio L/R in, Bathroom speaker out, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical)
- Connectivity Enhancements: Serial Xpress interface, WIXP / JAPIT TV Control, IR-out, RJ-48 connector, Fast Infrared loop through, Power on scart, External Power 12V/15W
- Wireless LAN: 802.11 b/g/n, Wi-Fi Direct
- Wake-up on LAN: Green standby in IP systems

Convenience

- Ease of Installation: Plug and Play, Advanced Hotel Mode, Automatic Tuning System (ATS), PLL Digital Tuning, Automatic Channel Install (ACI), Programme Name, Auto Programme Naming, Autostore, Installation menu locking, Security menu access
- Ease of Use: Auto Volume Leveller (AVL), 1 channel list analogue/digital, On-Screen Display,

- Programme List, Graphical User Interface
- Comfort: Hotel Guest features, Auto power on, Green/Fast startup, Welcome message, Switch on channel, Volume limitation, Sleep timer
- Interactive hotel features: Connectivity panel compatible, Block automatic channel update, Block over-the-air SVV download, Vsecure, MyChoice
- Prison mode: Txt, MHEG, USB, EPG, Sub block
- Clock: On-screen clock display, Sleep Timer, Wake-up Clock, External clock compatible
- Teletext: 1000-page Hypertext
- Electronic Programme Guide: 8-day Electronic Programme Guide, Now + Next EPG
- Screen Format Adjustments: Movie expand 16:9, Widescreen, Super Zoom, Auto Format
- Remote control type: 22AV1409A/12 (RC6)
- Remote Control: low battery detection, battery anti-theft protection
- Firmware and Settings upgradable: via USB, RF and IP
- Skype ready: With accessory camera
- Safety lock: Kensington lock

Healthcare

- Control: Multi remote control, White RC Compatible
- Convenience: Headphone out, Independent main speaker mute
- Safety: Nurse call system compatible, Double isolation Class II

Multimedia Applications

- Multimedia connections: USB, LAN
- Video Playback Formats: Codec support: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2), LPCM, M4A, MPEG1 L1/2
- Picture Playback Formats: JPEG, BMP, GIF, PNG

Power

- Mains power: 220-240 V; 50 Hz
- EU Energy Label power: 19 W
- Energy Label Class: A+
- Annual energy consumption: 28 kW·h
- Standby power consumption: < 0.3 W
- Ambient temperature: 5°C to 35°C
- Power Saving Features: Eco mode, Picture mute (for radio)

Green Specifications

- Safety: Flame-retardant housing
- Low Power Standby
- SmartPower Eco

Dimensions

- Set dimensions (W x H x D): 635.1 x 396.7 x 73.7 mm
- Set dimensions with stand (W x H x D): 635.1 x 438 x 190 mm
- Product weight: 4.57 kg
- Product weight (+stand): 5.14 kg
- VESA wall mount compatible: 100 x 100 mm

Accessories

- Included accessories: Remote Control, Batteries for remote control, Power cord, Tabletop stand, Warranty Leaflet
- Optional accessories: Set up remote 22AV8573/00, Ext. Clock Module 22AV1120C, Healthcare RC 22AV1109H, USB Skype Camera PTA317/00



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Version: 3.10.1

12 NC: 8670 001 13514
EAN: 87 12581 71697 4

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* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television 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.

* Typical on-mode power consumption measured according to IEC62087 Ed 2.

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