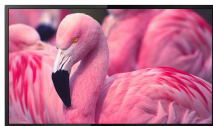


# PHILIPS



Professional TV

PrimeSuite



28HFL4014

## Flexible control

### Pro System TV

Surprise and delight with a professional IPTV. Cost-effective central management, quick installation, and a customizable UI make this a flexible solution. Philips world-renowned picture quality always engages.

**Cost-effective. With multilingual support.**

- 3 years warranty, extendable to 5 years
- Low operational cost. From installation to deployment
- MyChoice compatible. Built-in pay-to-view solution

**Rapid installation. Effortless customization.**

- CMND & Control. Operate, update, maintain
- IPTV. Provide channels over IP. Install your own UI
- CMND & Create. Develop and launch your own content
- Instant initial cloning. Rapidly configure Pro TVs
- Serial Xpress Protocol. Connect external decoders and STBs

**Brilliant Philips picture. Versatile operation.**

- Be seen. Brand the TV's UI with your logo
- Built-in scheduler. Advertise, inform, communicate
- Beautifully clear, high-contrast image

# Highlights

## **UI branding**

Your Philips Professional TV offers a clear, easy-to-navigate user interface (UI), which you can customize with your own branding. Easily add your logo and colors to the search bar to increase the visibility of your brand.

## **Built-in pay-to-view solution**

Offer pay-to-view content in any situation-from a complete pay-to-access-all-channels model to selected premium content. MyChoice is an integrated solution that allows viewers to access pay-per-view channels via a code or a card.

## **IPTV. Provide channels over IP**

Provide channels over IP. Install your own user interface (UI), which can be stored on a central server and sent to the TV over IP. Once the UI is on the TV it can also be stored locally. You'll benefit from flexibility and rapid installation-whether you're personalizing your Philips Pro System TVs or centralizing system management.

## **CMND & Control**

Run your display network over a local (LAN or RF) connection. CMND & Control allows you to perform vital functions like controlling inputs,

updating software, and monitoring display status. Whether you're in charge of one TV or more.

## **CMND & Create**

Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

# Specifications

## Picture/Display

**Diagonal screen size (inch):** 28 inch

**Diagonal screen size (metric):** 70 cm

**Display:** D-LED, LED HD TV

**Panel resolution:** 1366 x 768p

**Brightness:** 220 cd/m<sup>2</sup>

**Viewing angle:** 178° (H) / 178° (V)

## Tuner/Reception/Transmission

**Digital TV:** DVB-T/T2/C, HEVC FHD (up to 1080p60)

**Analog TV:** PAL

**IP Playback:** Multicast, Unicast

## Features

**Ease of use:** Picture Style, Sound Style

**Digital services:** 8d EPG, Now&Next, MHEG, Teletext, HbbTV, Subtitles

**Local control:** Joystick

## Hospitality Features

**Hotel mode:** Joystick Control Lock, Menu lock, Installation Menu Lock, Volume limitation

**Prison mode:** high security mode, TXT/MHEG/USB/EPG/Subtitle Lock

**Timer:** Sleep Timer, Wake Up Alarm, Wake Up On Channel, Wake up Sounds

**Switch On control:** Channel, Feature, Picture Format, Volume, Picture Style

**Power control:** Quick Start Mode, Auto Power ON, WoLAN

**Apps:** YouTube

**Your brand:** Customizable Home Screen, Location Name (Geonames ID), CMND&Create, Customizable Dashboard (HTML), Welcome Logo

**Clock:** On-screen Clock, Optional External Clock

**Cloning and Firmware update:** Instant Initial Cloning, Via USB/RF/IP

**CMND&Control:** Off-Line Channel Editor, Off-Line Settings Editor, Remote Management over IP/RF, CMND&Create, TV Group management

**Control:** JSON API for TV Control-JAPIT, Serial Xpress Protocol

**Interactive DRM:** VSecure, Playready Smoothstreaming

**Revenue generation:** MyChoice

**Languages:** Guest language control

**Remote Control:** Low Battery Detection, RC Battery Door Lock, Glow-in-the-Dark Clock button

**CMND&Check-In:** Guest Name, Guest Language

## Healthcare features

**Control:** Multi-Remote Control, Healthcare RC compatible, Nurse call system compatible

**Convenience:** Headphone out, Independent main speaker mute, Headphone Detection

**Safety:** Double isolation class II, Flame retardant

## Multimedia

**Video playback supported:** Formats:

H.264/MPEG4 AVC, MPEG1, MPEG2, MPEG4, WMV9/VC1, HEVC, Containers: AVI, MKV, VP9

**Music formats supported:** MP3, AAC, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)

**Subtitle formats supported:** SRT, SMI, TXT

**Picture formats supported:** JPG, PNG, BMP, GIF

**Supp. Video Resolution on USB:** up to 1920x1080p@60Hz

## Audio

**Sound output Power:** 10 (2x5) W

**Bathroom speaker out:** 1.5W Mono 8Ohm

**Speakers:** 2.0, Down Firing

**Sound Features:** DTS-HD, Dolby Atmos Compatible, Dolby MS12D, AVL, Incredible surround

# Specifications

## Power

Mains power: AC 220-240V; 50-60Hz

Ambient temperature: 0 °C to 40 °C

Standby power consumption: <0.3W

Energy Label Class: F

Eu Energy Label power: 24 W

Power Saving Features: Eco mode

EPREL registration number: 341792

## Accessories

Included: Edge Stand, Remote Control

22AV1904A/12, 2x AAA batteries, Power Cord,

Warranty Leaflet, Legal and Safety brochure

Optional: Easy RC 22AV1601B/12, Healthcare RC

22AV1604B/12, External Clock 22AV1860A/12,

DOCSIS Cable Modem 22AV1970A, Setup RC

22AV9574A/12

## Connectivity Side

Common Interface Slot: CI+ 1.3.2

HDMI1: HDMI 1.4

Headphone out: Mini-Jack

USB1: USB 2.0

## Connectivity Rear

Bathroom speaker out: Mini-Jack

External Control: RJ-48

Antenna: IEC-75

Digital Audio out: Optical

Ethernet (LAN): RJ-45

HDMI2: HDMI 1.4

USB2: USB 2.0

## Connectivity Enhancements

RJ48: IR-In/Out, Serial Xpress interface

EasyLink (HDMI CEC): One touch play, System

Standby, RC pass through, system audio control

LAN: Wake up on LAN

HDMI: MHL 2.0 (HDMI1), ARC (HDMI2)

## Design

Colour: Black

## Dimensions

Set Width: 635 mm

Set Height: 380 mm

Set Depth: 68/77 mm

Product weight: 3.8 kg

Set width (with stand): 635 mm

Set height (with stand): 444 mm

Set depth (with stand): 179 mm

Product weight (+stand): 3.9 kg

Wall mount compatible: M4, 100 x 100 mm

