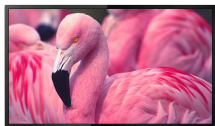


PHILIPS



Professional TV

PrimeSuite



28HFL4014

Flexible control

Pro System TV

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

Cost-effective. With multilingual support.

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

Rapid installation. Effortless customisation.

- CMND and Control. Operate, update, maintain
- IPTV. Provide channels over IP. Install your own UI
- CMND and 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 customise with your own branding. Easily add your logo and colours 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 personalising your Philips Pro System TVs or centralising system management.

CMND and 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 and Create

Take control of your content with CMND and 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 that 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/m²
Viewing angle: 178° (H)/178° (V)

Tuner/Reception/Transmission

Digital TV: DVB-T/T2/C, HEVC FHD (up to 1080p60)
Analogue TV: PAL
IP Playback: Multicast, Unicast

Features

Ease of use: Picture Style, Sound Style
Digital services: 8d EPG, Now and 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: Customisable Home Screen, Location Name (Geonames ID), CMND&Create, Customisable 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: 1.5 W Mono 8 ohm

Speakers: 2.0, Down Firing

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

Specifications

Power

Mains power: AC 220-240 V; 50-60 Hz
Ambient temperature: 0 °C to 40 °C
Standby power consumption: $\leq 0.3\text{ W}$
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, 2 x 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

Side Connectivity

Common Interface Slot: CI+ 1.3.2
HDMI1: HDMI 1.4
Headphone out: Mini-Jack
USB1: USB 2.0

Rear Connectivity

Bathroom speaker out: Mini-Jack
External Control: RJ-48
Antenna: IEC-75

Digital Audio out: Optical

Ethernet (LAN): RJ-45

HDMI 2: HDMI 1.4

USB 2: 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

