



Philips Cineos
widescreen flat TV with
Pixel Plus 3 HD and
Ambilight Surround

42"

LCD integrated digital

CINEOS

42PF9731D



Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Full HD display, Pixel Plus 3 HD and Ambilight Surround. The Digital Media Reader with PC link gives you full access to multimedia content.

Immersive viewing experience

- Full HD LCD display, 1920x1080p
- Integrated Digital Tuner for DVB-T reception
- HD ready for the highest quality display of HDTV signals
- Pixel Plus 3 HD for most vivid and sharp HDTV images
- Dynamic contrast enhancer delivering rich black details
- Ambilight Surround for an immersive viewing experience

True beauty lies in the details

- Matching design swivel stand included

Perfect picture quality from your digital photos

- Access your photos, music and movies via PC-link
- Wireless prepared for connection to your PC
- USB and Memory-Card slot for instantly playing multimedia

For advanced performance

- Dual HDMI input for full digital High Definition connection

PHILIPS

sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 550 cd/m²
- **Dynamic screen contrast:** 4000:1
- **Response time (typical):** 8 ms
- **Viewing angle:** 176° (H) / 176° (V)
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Picture enhancement:** Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Digital Natural Motion, Dynamic contrast enhancement, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus
- **Screen enhancement:** Anti-Reflection coated screen

Ambilight

- **Ambilight Features:** Ambilight Surround, Auto adaptive to video content, Efficient low energy lamp
- **Colour Settings:** Full Multi Colour
- **Dimming Function:** Manual and via Light Sensor

Supported Display Resolution

- **Computer formats**

| Resolution | Refresh rate |
|------------|--------------|
| 640 x 480 | 60Hz |
| 800 x 600 | 60Hz |
| 1024 x 768 | 60Hz |
- **Video Formats**

| Resolution | Refresh rate |
|--------------|--------------|
| 640 x 480i | 1Fh |
| 640 x 480p | 2Fh |
| 720 x 576i | 1Fh |
| 720 x 576p | 2Fh |
| 1280 x 720p | 3Fh |
| 1920 x 1080i | 2Fh |

Sound

- **Output power (RMS):** 2x15W
- **Sound Enhancement:** Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- **Sound System:** Virtual Dolby Digital

Loudspeakers

- **Built-in speakers:** 4
- **Loudspeaker types:** Integrated woofers with wOOx, Dome tweeter

Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** Smart Clock
- **Ease of Installation:** Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- **Ease of Use:** Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Side Control
- **Electronic Program Guide:** Now + Next EPG
- **Picture in Picture:** Full dual screen (2 tuners), Text

dual screen

- **Remote Control:** Amp, DVD, Sat, STB (Set-Top Box), VCR, Multi-functional
- **Remote control type:** RC4401
- **Screen Format Adjustments:** 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen
- **Teletext:** 1200 page Hypertext
- **Teletext enhancements:** Habit Watch, Program information Line
- **VESA Mount:** Vesa compliant

Multimedia Applications

- **Digital Content Management:** Digital Media Reader
- **Memory Card Types:** Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- **Multimedia connections:** Ethernet-UTP5, UPnP, WiFi (opt. Ethernet-bridge), 7-in-1 Memory Card Reader, USB (streaming video capable)
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures, DivX 3.11, DivX 5, MPEG1, MPEG2, MPEG4, XviD

Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** DVB COFDM 2K/8K, PAL, SECAM
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB Terrestrial *
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF

Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, RGB, Y/C
- **Ext 3:** YPbPr
- **Ext 4:** HDMI
- **Ext 5:** HDMI
- **Ext 6:** VGA PC-in, Audio L/R in
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, 2x USB, Multi-slot memory card reader
- **Other connections:** Analogue audio Left/Right out, Ethernet, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface

Power

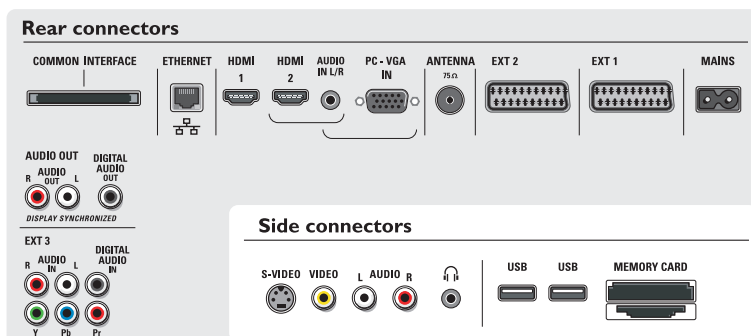
- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** AC 220 - 240 V +/- 10%
- **Power consumption:** 248 W
- **Standby power consumption:** 0.8W

Dimensions

- **Set dimensions (W x H x D):** 1095 x 764 x 114 mm
- **Set dimensions with stand (H x D):** 824 x 290 mm
- **Weight incl. Packaging:** 59 kg
- **Product weight:** 35 kg
- **Box dimensions (W x H x D):** 1292 x 1064 x 323 mm
- **Colour cabinet:** High Gloss Black
- **VESA wall mount compatible:** 800 x 400 mm

Accessories

- **Included Accessories:** Tabletop swivel stand, RF antenna cable
- **Optional accessories:** Floor stand





Product highlights

Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and the additional cables.

HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p and 1080i signals at 50 and 60Hz.

Pixel Plus 3 HD

Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clean and razor sharp.

Ambilight Surround

With lights surrounding the picture Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colours and light intensity of the image on screen. It creates ambience, stimulates more relaxed viewing, and improves perceived picture detail, contrast and colour. Ambilight 3 automatically and independently adapts the colours of each screenside according to the changing content on the screen. With the 3rd Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

Bypacked swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV, and allows easy placement of your Flat TV without drilling holes in the wall. Enjoy the best viewing angle with the convenience of the 40 degrees of swivel (20 degrees each side). Invisible cable management is included in the back. This stand fits seamlessly on the matching accessory floorstand.

PC-link

The PC-link provides fun and easy access to your personal digital media files and multimedia content*. The widely used Ethernet (LAN) and WiFi open standards are used for wired and (optional) wireless** connection and ensure interoperability. Browse your PC collection of digital photographs, multimedia videos and music files via your home LAN network. The intuitive user interface of the TV and the Philips Multimedia Manager for your PC makes it available at the push of a button (* see product for supported formats, PC-LAN functionality required ** Additional 'Ethernet-bridge' device required)

* DVB-T, supported in selected countries only



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