Philips Cineos
Flat TV with Perfect Pixel
HD Engine and Ambilight
Surround

94 cm (37")
LCD
integrated digital

CINEOS

37PFL9732D

Turn up your viewing experience

with Perfect Pixel HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Perfect Pixel HD Engine, Ambilight Surround, a Full HD 1080p display and 100 Hz Clear LCD technology. USB and memory card reader give you full multimedia access.

Immersive viewing experience
- Full HD LCD display, with a 1920x1080p resolution
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- 100Hz Clear LCD for superb motion sharpness (3ms)
- Ambilight Surround for an immersive viewing experience
- HD Natural Motion for ultra smooth motion in Full HD movies

True beauty lies in the details
- Matching design swivel stand

Perfect picture quality from your digital photos
- USB and Memory-Card slot for instantly playing multimedia

For advanced performance
- 3 HDMI inputs for full digital HD connection in one cable

PHILIPS

Highlights

Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. 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 signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

100Hz Clear LCD

100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

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 colors and light intensity of the image on screen. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight 3 automatically and independently adapts the colors 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.

Pre-mounted swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV. The stand comes pre-mounted to the TV out of the box. It allows easy placement of your Flat TV without the hassle of building the stand to the TV first. Enjoy the best viewing angle by swivelling it the your personal preference.

USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type Compact Flash I and II, Memory Stick, SD Card / Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB memory-class device).

3 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 3 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

Specifications

Picture/Display
- Color cabinet: Brilliant Pearl
- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic screen contrast: 8000:1
- Response time (typical): 3 (BEW equiv.) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Color processing: 4 trillion colors (14bit RGB)
- Picture enhancement: Perfect Pixel HD Engine, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60Hz processing, 1080p 24/25/30Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus, 100Hz Clear LCD, Double frame rate
- Screen enhancement: Anti-Reflection coated screen

Ambilight
- Ambilight Features: Ambilight Surround, Auto adaptive to video content, Full operation in stand-by, Efficient low energy lamp
- Ambilight light system: LED wide color
- 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
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080i	60Hz
1920 x 1080p	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 25, 30Hz
1080p	24, 50, 60Hz

Sound
- Output power (RMS): 2x8W
- Sound Enhancement: Digital Signal Processing, Graphic Equaliser, Dynamic Bass Enhancement
- Sound System: Virtual Dolby Digital, BBE

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: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Remote Control: TV, DVD, HTS (Home Theater System), STB (Set-Top Box)
- Remote control type: RC4422
- Screen Format Adjustments: unscaled (1080p dot by dot), 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen
- Picture in Picture: Text dual screen
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in

Multimedia Applications
- 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: USB, 7-in-1 Memory Card Reader
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- Digital TV: 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
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- HDMI features: Cable equalization, Category 1 and 2 cables, Compressed audio, Multirate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB, Multi-slot memory card reader
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface
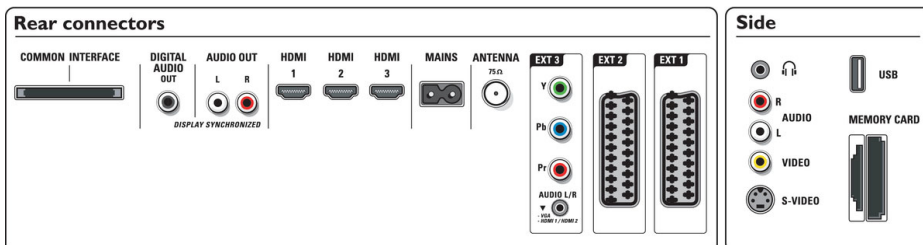
Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption: 208 W
- Standby power consumption: 0.8W

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

Dimensions
- Set dimensions (W x H x D): 950 x 612 x 125 mm
- Set dimensions with stand (H x D): 677 x 184 mm
- Product weight: 24.7 kg
- Product weight (+stand): 27.6 kg
- Box dimensions (W x H x D): 1066 x 818 x 300 mm
- Weight incl. Packaging: 29.7 kg
- Wall mount compatible: 600 x 400 mm

Rear connectors / Side

* DVB-T, supported in selected countries only