



## TECHNILINE PRO 22

Full HD Smart TV with single cable TwinTuner, DELUXE SOUND 2.1 and extensive Internet and networking features

Colour	EAN	Item no.	Weight (Box)	Weight	Unit without stand (W x H x D)	Device (W x H x D)	Box
black/titanium metallic	4019588229761	5522/9716	4,9 kg	3,6 kg	52 x 32 x 5 cm	52 x 35,5 x 13,5 cm	62 x 37 x 10 cm

### TOP FEATURES

Einkabel-TwinTuner zum Empfang von DVB-S/S2, DVB-C und DVB-T2 (H.265/HEVC)

DVRready (inkl. Timeshift) zum Aufzeichnen auf USB-Datenträger oder Netzwerkspeicher (NAS)

CI+ Schnittstelle für Pay-TV (kompatibel z. B. zu Sky, Unitymedia und mehr)

ISIO-Internet: Zugriff auf Mediatheken, Online-Videotheken, Apps und HbbTV

UPnP-Zugriff über Heimnetzwerk

Steuerung per CONNECT-App (iOS/Android)

### TECHNISAT ADDED VALUE SERVICES

SFI+: Yes

ISI-Mode: Yes

TECHNIFAMILY: Yes

ISIPRO: Yes

AUTOINSTALL: Yes

TECHNIMATIC: Yes

### MULTIMEDIA

DVR function: Ja

DVR storage medium: USB, NAS

Timeshift: Yes

Recordings edition function: Yes

Recordings folder management: Yes

### AMBIENT OPERATING CONDITIONS

Ambient temperature: 5 ... 35 °C

Humidity: 10 ... 75 %

## LNB CONTROL

Vertical: 14 V

Horizontal: 18 V

Band switch: 22 kHz

Current consumption: max. 400 mA  
(kurzschlussfest)

DiSEqC: 1.0 / 1.2 / SCR1 = EN50494, SCR2 = EN50607

## POWER AND ENERGY CONSUMPTION

Supplier's name or trade mark: TechniSat

Supplier's address: TechniSat Digital GmbH, Julius-Saxler-Str. 3, 54550 Daun

Model identifier: 5522/9716

Energy Efficiency Class for standard Dynamic Range (SDR): F

On mode power demand for Standard Dynamic Range (SDR): 19,5 W

Standby mode power demand, if applicable: 0,4 W

Electronic display category: Fernsehgerät

Size ratio: 16:9

Screen resolution (pixels): 1920 x 1080

Screen diagonal: 54,7 cm

Screen diagonal: 22 in

Visible screen area: 12,8 dm<sup>2</sup>

Panel technology used: LED-LCD

Image refresh frequency rate (default): 50 Hz

Minimum guaranteed availability of software and firmware updates (from the date of end of the placement on the market): 8 Jahre

Minimum guaranteed availability of spare parts (from the date of end of the placement on the market): 7 Jahre

Minimum guaranteed product support: 8 Jahre

Minimum duration of the general guarantee offered by the supplier: 2 Jahre

Power supply type: extern genormt

## INTERNET/NETWORK

Internet: Yes

ISIO Internet: Yes

HbbTV: Yes

VoD services: Ja

Webbrowser: Yes

HTML 5 support: Yes

Internet speed test: Yes

## CONNECTIONS

HDMI™ (in): 2

USB: 2 (USB 2.0)

Common Interface Plus (CI+): Yes

Digital electric audio output (S/PDIF): Yes

Audio out analogue (RCA): Yes (3,5 mm Klinke)

Audio / video input analog (3.5 mm jack): 1

Ethernet 10/100 (RJ-45): Yes

F socket: 1

IEC-Connector: Yes

Headphone output: Yes (3,5 mm Klinke)

## AUDIO

HDMI ARC: Yes

Speakers: 2 x 2-way sound system

## DECRYPTION SYSTEM

CI+: Yes

## DIMENSIONS / WEIGHT

Set width without stand: 520 mm

Stand width: 285 mm

Set depth without stand: 50 mm

Set height without stand: 320 mm

Stand depth: 135 mm

Weight without stand: 3,35 kg

Stand height: 35 mm

## DISPLAY

Type: FullHD eLED

Resolution (vertical and horizontal): 1920 x 1080

Size (cm): 55 cm

Size (inches): 22

SD: Yes

HD: Yes

1080p: Yes

1080i: Yes

720p: Yes

576p: Yes

576i: Yes

480p: Yes

480i: Yes

Format: 16:9

Zoom: Yes

Freeze frame: Yes

## GENERAL CHARACTERISTICS

Appearance: Slim 55 mm

## HANDLING/COMFORT

Electronic Program Guide (EPG): Ja

Quick start: Yes

Parental Control: Ja

Media Player: Yes

Channel number mix: Yes

Teletext: Yes

Alarm: Yes

Autostandby: Yes

Sleep timer: Yes

Hotel mode: Yes

Clock: Yes

Ideal for camping: Yes

## HOTEL MODE

Protected access to hotel mode: Yes

Customisable start screen: Yes

Energy card function: Yes

USB cloning function: Yes

Multimedia connectors: Yes

Lockable volume: Yes

Menu locking: Yes

Control panel lock: Yes

Radio mode: Yes

Alarm function: Yes

Sleep timer: Yes

Mixing of channel slots: Yes

Multicode remote control: Yes

Selectable start source: Yes

Selectable start channel: Yes

## MATERIALS CONTAINED

Lead: Yes

## OTHER FEATURES

OSD languages: English, German, French, Greek, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Spanish, Czech, Turkish, Hungarian

Regional channel selection: Yes

## POWER CONSUMPTION

Energy class: A

In operation: 23 W

annual energy consumption when switched on:  
34 kilowatt hour per annum

Standby: 0,5 W

Contains no mercury: Yes

## POWER SUPPLY

Nominal voltage: 230 V

Frequency: 50 Hz

Mains adapter: internal

## STREAMING

DLNA Server: Yes

DLNA Client: Yes

Cloud store: Ja

Parental Control: Yes

TechniCast: Ja (optional über Dongle)

## TUNER

Tuner type: Einkabel-TwinTuner

Twin-Tuner: Yes Einkabel-TwinTuner

DVB-S tuner: 2

Single Cable Solution (SatCR): SCR1 = EN50494,  
SCR2 = EN50607

DVB-C Tuner: 2

Tuner DVB-T2: 2

DVB-T Tuner: 2

Analogue UHF/VHF/CATV tuner: 1

Reception on: HDTV (MPEG-4), SD (MPEG-2)

Input impedance: 75  $\Omega$

TECHNIROUTER ready: Yes

TECHNISELECT 12 ready: Yes

## TUNER - SAT

Reception range: 950 ... 2.150 MHz

DVB-S: QPSK

DVB-S: 2 ... 45 (MCPC / SCPC)

DVB-S2: 8PSK - QPSK

DVB-S2: 10 ... 31 (MCPC / SCPC)

FEC: RS, LDPC, BCH

## SUPPORTED FORMATS & CODECS

Video-Codecs: MPEG-2, MPEG-4, H.264 (bis  
H.264/AVC Level 4.2), H.265, DivX (MPEG4  
part2), VC-1

Video-Formats: M4V, MP4, MKV, MOV, MPG, TS,  
TS4, VOB, WMV, M2TS, AVI, ASF

Picture-Formats: BMP, JPEG, GIF, PNG, TIFF

Audio-Formats: WAV, MP3, AAC, FLAC, M4A,  
MP2, OGG, DDAC3, AIFF, WMA

## TUNER - ANALOGUE

Reception range: 47 ... 862 MHz

Video standards: PAL B/G, D/K, L/L, I

## TUNER - TERRESTRIAL

Reception range 1: 174 ... 230 MHz

Reception range 2: 470 ... 862 MHz

Demodulation: COFDM (QPSK, 16-QAM, 64-  
QAM)

Transmission mode: 2k/8k

Bitrate: 4,98 ... 31,67

FEC: 1/2, 2/3, 3/4, 5/6, 6/7, 7/8

Voltage supply: 5 V

Power supply: 0,03 A

## TECHNISAT CONNECT

SFI: Yes

## TUNER - CABLE

Reception range: 47 ... 862 MHz

Demodulation: 16-, 32-, 64-, 128-, 256-QAM

Symbol rate: 1,5 ... 7,2

FEC: Reed-Solomon (204, 188)

## WALL BRACKET

VESA wall mounting standards: VESA 75 x 75

## SCOPE OF DELIVERY

TECHNILINE PRO Gerät, Standfuß, Fernbedienung (inkl. 2 AAA-Batterien), externes Netzteil, 12V-Adapter, CD mit Bedienungsanleitung, Audio-/Video-Adapterkabel  
Klinke/Cinch, Kurzanleitung mit Garantiehinweisen

## Test Results TECHNILINE PRO 22



Sehr gut  
SATELLIT (1/2017)



Sehr gut  
DIGITAL FERNSEHEN  
(12/2016)