



## 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  
DIGITAL FERNSEHEN  
(12/2016)



Sehr gut  
SATELLIT (1/2017)