


# TECHNILINE 32 ISIO

Full-HD Smart-TV with QuattroTuner Twin for receiving digital television and radio including HDTV, integrated IP module for Full-Internet and USB Recording function.

| Weight without stand | EAN | Colour | Item no. | Unit without stand (W x H x D) |
|---|---|---|---|---|
| 13 kg | 4019588326064 | black/silver | 5532/6306 | 782 x 539 x 81 mm |
| 13 kg | 4019588326163 | black/titanium metallic | 5532/6316 | 782 x 539 x 81 mm |

## TOP FEATURES

- HDTV- Multituner for HDTV and SDTV: DVB-S2, DVB-C, DVB-T, analogue TV (terrestrial and cable), analogue radio FM (UKW)
- IP module for access to media libraries, video on demand services and apps
- 2x Common Interface +
- 2 HDMI-connections (HDCP implemented )
- Resolution (lines x rows) 1920x1080
- Number of colours: 16,7 millions

## TECHNISAT ADDED VALUE SERVICES

- AUTOINSTALL: Yes

## HANDLING/COMFORT

- Sleep timer: Yes
- Alarm: Yes
- Clock: Yes

## WALL BRACKET

- VESA wall mounting standards: VESA 200 x 200

## SUPPORTED FORMATS & CODECS

- Video-Codecs: MPEG-2, MPEG-4, MPEG-1, H.264, VC-1
- Video-Formats: MKV, MP4, MOV, MPG, TS, TS4, VOB, WMV, Xvid, M2TS, AVI, ASF
- JPEG: Yes
- Audio-Formats: AAC, MP3, MP2, DDAC3, WMA

## INTERNET/NETWORK

- HbbTV: Yes
- HTML 5 support: Yes

## AMBIENT OPERATING CONDITIONS

- Ambient temperature: 5 ... 35 °C
- Humidity: 10 ... 75 %

## DECRYPTION SYSTEM

CI+: Yes

## POWER CONSUMPTION

SFIplus updating: 31,3 W

Energy class: B

Software update: 31,3 W

Standby fast start: 17,8 W

Standby LED: 0,07 W

In operation: 54 W

annual energy consumption when switched on: 75 kilowatt hour per annum

Standby: 0,07 W

Off status: 0 W

Power switch: Yes

Contains no mercury: Yes

## CONNECTIONS

HDMI™ (in): 3

Digital electric audio output (S/PDIF): Yes

Digital optical audio out: Yes

Audio out analogue (RCA): Yes

Audio in/AUX in: Yes (3,5mm Klinke)

VGA: Yes

Scart: 1

Ethernet 10/100 (RJ-45): Yes

F socket: 2

IEC-Connector: Yes

## LNB CONTROL

Vertical: 14 V

Horizontal: 18 V

Band switch: 22 kHz

Current consumption: max. 400 mA (kurzschlussfest)

DiSEqC: 1.0 / 1.2 / Sat-CR

## OTHER FEATURES

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

Total programme memory: 5.000

Regional channel selection: Yes

## AUDIO

Speakers: 2 x 1-way sound system with bass reflex

AC3 Dolby Digital bitstream out: Yes

## DISPLAY

Size (cm): 81 cm

Frequency: 100 Hz

Format: 16:9

Contrast ratio: 4.000:1

Picture in Picture (PIP): Yes (2 x SD, 1 x SD u. 1 x HD)

Brightness: 450 cd/m²

Response time: < 6 ms

Angle of view: 178° / 178°

Picture and Picture (PAP): Yes (2 x SD, 1 x SD u. 1 x HD)

Freeze frame: Yes

Zoom: Yes

HD: Yes

Type: Full-HD eLED

Resolution (vertical and horizontal): 1920 x 1080

Size (inches): 32

720p: Yes

SD: Yes

1080i: Yes

## GENERAL CHARACTERISTICS

Appearance: Slim 55mm

## HOTEL MODE

Customisable start screen: Yes

Configurable on times: Yes

Energy card function: Yes

USB cloning function: Yes

Multimedia connectors: Yes

Menu locking: Yes

Radio mode: Yes

Mixing of channel slots: Yes

Multicode remote control: Yes

Fireproofed housing: Yes

| TUNER |
| --- |
| Tuner type: Doppel-QuattroTuner |
| DVB-S tuner: 2 |
| DVB-C Tuner: 2 |
| DVB-T Tuner: 2 |
| Analogue UHF/VHF/CATV tuner: 2 |
| Reception on: HDTV (MPEG-4 & 2), SD (MPEG-2) |
| TECHNISELECT K: Yes |
| TECHNISELECT 12 ready: Yes |
| TECHNIROUTER ready: Yes |
| Input impedance: 75 Ω |

| 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) |

| TUNER - TERRESTRIAL |
| --- |
| Reception range 1: 174 ... 230 MHz |
| Reception range 2: 470 ... 862 MHz |
| Demodulation: COFDM |
| 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 |

| TUNER - ANALOGUE |
| --- |
| Reception range: 47 ... 862 MHz |
| Video standards: PAL B/G, D/K, L/L, I |

| 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 |

| DIMENSIONS / WEIGHT |
| --- |
| Set depth without stand: 81 mm |
| Set width without stand: 782 mm |
| Weight without stand: 13 kg |
| Set height without stand: 539 mm |

| POWER SUPPLY |
| --- |
| Nominal voltage: 230 V |
| Frequency: 50 Hz |
| Mains adapter: internal |

| MATERIALS CONTAINED |
| --- |
| Lead: Yes |

| SCOPE OF DELIVERY |
| --- |
| TechniLine ISIO, rotating glass stand, remote control (TechniControl with www button) batteries, LCD-panel cleaner sample, hex tool, cable attachment (Velcro band), 230 Euro Power Cord, User Manual, Quick Start Guide including warranty card. |