



## 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.

EAN	Item no.	Colour
4019588326064	5532/6306	black/silver metallic
4019588326163	5532/6316	black/titanium metallic

<b>AMBIENT OPERATING CONDITIONS</b>	Set height without stand: 539 mm	Energy card function: Yes
Humidity: 10 ... 75 %	Set width without stand: 782 mm	USB cloning function: Yes
Ambient temperature: 5 ... 35 °C	Weight without stand: 13 kg	Multimedia connectors: Yes
<b>LNB CONTROL</b>	<b>DISPLAY</b>	Menu locking: Yes
Vertical: 14 V	Size (cm): 81 cm	Radio mode: Yes
Horizontal: 18 V	Frequency: 100 Hz	Mixing of channel slots: Yes
Band switch: 22 kHz	Format: 16:9	Multicode remote control: Yes
Current consumption: max. 400 mA (kurzschlussfest)	Contrast ratio: 4.000:1	Fireproofed housing: Yes
DiSEqC: 1.0 / 1.2 / Sat-CR	Picture in Picture (PIP): Yes (2 x SD, 1 x SD u. 1 x HD)	<b>MATERIALS CONTAINED</b>
<b>TECHNISAT ADDED VALUE SERVICES</b>	Brightness: 450 cd/m <sup>2</sup>	Lead: Yes
<b>AUTOINSTALL:</b> Yes	Response time: < 6 ms	<b>OTHER FEATURES</b>
<b>INTERNET/NETWORK</b>	Angle of view: 178° / 178°	Total programme memory: 5000
HTML 5 support: Yes	Picture and Picture (PAP): Yes (2 x SD, 1 x SD u. 1 x HD)	Regional channel selection: Yes
HbbTV: Yes	Freeze frame: Yes	OSD languages: English, German, French, Greek, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Spanish, Czech, Turkish, Hungarian
<b>AUDIO</b>	Zoom: Yes	
Speakers: 2 x 1-way sound system with bass reflex	Type: Full-HD eLED	
AC3 Dolby Digital bitstream out: Yes	Resolution (vertical and horizontal): 1920 x 1080	
<b>CONNECTIONS</b>	HD: Yes	
HDMI (in): 3	SD: Yes	
Digital electric audio output: Yes	720p: Yes	
Digital optical audio out: Yes	Size (inches): 32	
Audio out analogue (L,R): Yes	1080i: Yes	
Audio in/AUX in: Yes (3,5mm Klinke)	<b>GENERAL CHARACTERISTICS</b>	
VGA: Yes	Appearance: Slim 55mm	
Scart: 1	<b>HANDLING/COMFORT</b>	
Ethernet 10/100 (RJ-45): Yes	Sleep timer: Yes	
IEC-Connector: Yes	Alarm: Yes	
<b>DECRYPTION SYSTEM</b>	Clock: Yes	
CI+: Yes	<b>HOTEL MODE</b>	
<b>DIMENSIONS / WEIGHT</b>	Customisable start screen: Yes	
Set depth without stand: 81 mm	Configurable on times: Yes	

<b>POWER CONSUMPTION</b>	Tuner type: Doppel-QuattroTuner	DVB-S2: 10 ... 31 Mbaud (MCPC / SCPC)
SFlplus updating: 31.3 W	DVB-S tuner: 2	FEC: RS, LDPC, BCH
Energy class: B	DVB-C Tuner: 2	<b>TUNER - TERRESTRIAL</b>
Software update: 31.3 W	DVB-T Tuner: 2	Reception range 1: 174 ... 230 MHz
Standby fast start: 17.8 W	Analogue UHF/VHF/CATV tuner: 2	Reception range 2: 470 ... 862 MHz
Standby LED: 0.07 W	Reception on: HDTV (MPEG-4 & 2), SD (MPEG-2)	Demodulation: COFDM
In operation: 54 W	Input impedance: 75 Ω	Transmission mode: 2k/8k
annual energy consumption when switched on: 75 kWh/annum	TECHNIROUTER ready: Yes	Bitrate: 4.98 ... 31.67 Mbit/s
Standby: 0.07 W	TECHNISELECT K: Yes	FEC: 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
Off status: 0 W	TECHNISELECT 12 ready: Yes	Voltage supply: 5 V
Power switch: Yes	<b>TUNER - ANALOGUE</b>	Power supply: 0.03 A
Contains no mercury: Yes	Reception range: 47 ... 862 MHz	<b>WALL BRACKET</b>
<b>POWER SUPPLY</b>	Video standards: PAL B/G, D/K, L/L, I	VESA wall mounting standards: VESA 200 x 200
Nominal voltage: 230 V	<b>TUNER - CABLE</b>	<b>SCOPE OF DELIVERY</b>
Frequency: 50 Hz	Reception range: 47 ... 862 MHz	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.
Mains adapter: internal	Demodulation: 16-, 32-, 64-, 128-, 256-QAM	
<b>SUPPORTED FORMATS &amp; CODECS</b>	Symbol rate: 1.5 ... 7.2 Mbaud	
Video-Codcs: MPEG-2, MPEG-4, MPEG-1, H.264, VC-1	FEC: Reed-Solomon (204, 188)	
Video-Formats: MKV, MP4, MOV, MPG, TS, TS4, VOB, WMV, Xvid, M2TS, AVI, ASF	<b>TUNER - SAT</b>	
JPEG: Yes	Reception range: 950 ... 2150 MHz	
Audio-Formats: AAC, MP3, MP2, DDAC3, WMA	DVB-S: QPSK	
<b>TUNER</b>	DVB-S: 2 ... 45 Mbaud (MCPC / SCPC)	
	DVB-S2: 8PSK - QPSK	

## KEYFEATURES

ISIO internet technology	TechniFamily	HTML5
HbbTV	eLED-Panel	Editing function
Double-QuattroTuner	Full HD	EPG
"SiehFern INFO" (SFI)	100% pixel error free	Programme location mixing
ISIPRO	Perfect Recording	TechniRouter-ready
TechniMatic	Pay TV ready	
AutoInstall	Universal Plug And Play (UPnP)	