



TECHNIVISION 22 ISIO

Full-HD Smart-TV with QuattroTuner for receiving digital television and radio including HDTV, integrated IP module for Full-Internet and USB Recording function on an external hard disk drive.

Weight without stand	EAN	Colour	Item no.	Weight (Box)	Weight	Unit without stand (W x H x D)	Device (W x H x D)	Box
3,6 kg	4019588227262	black	5022/7626	6,5 kg	4,6 kg	532 x 364 x 43 mm	53,2 x 39,9 x 16 cm	60 x 51,5 x 21 cm
3,6 kg	4019588227064	silver/black	5022/7606	6,5 kg	4,6 kg	532 x 364 x 43 mm	53,2 x 39,9 x 16 cm	60 x 51,5 x 21 cm

TOP FEATURES

QuattroTuner for reception of DVB-S, DVB-T and DVB-C incl. HDTV

Timeshift

IP module for access to media libraries, video on demand services and apps

LED display with clock

Digital video recorder function via USB (DVRready)

Rotating glass pedestal

AMBIENT OPERATING CONDITIONS

Humidity: 10 ... 75 %

Ambient temperature: 5 ... 35 °C

INTERNET/NETWORK

HbbTV: Yes

HTML 5 support: Yes

DECRYPTION SYSTEM

CI+: 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

AUDIO

Speakers: integrated broadband speaker system

AC3 Dolby Digital bitstream out: Yes

DIMENSIONS / WEIGHT

Set depth without stand: 43 mm

Set width without stand: 532 mm

Weight without stand: 3,6 kg

Set height without stand: 364 mm

TECHNISAT ADDED VALUE SERVICES

AUTOINSTALL: Yes

CONNECTIONS

HDMI™ (in): 2

Common Interface Plus (CI+): Yes

Digital electric audio output (S/PDIF): Yes

Audio in/AUX in: Yes 3.5mm Klinke

VGA: Yes

YUV (component input): Yes

Scart: 1

S Video: Yes

Video IN: 1

Ethernet 10/100 (RJ-45): Yes

F socket: 1

IEC-Connector: Yes

DISPLAY

Size (cm): 56 cm

Frequency: 50 Hz

Format: 16:9

Contrast ratio: 1.000:1

Brightness: 250 cd/m²

Response time: 8 ms

Angle of view: 178° / 178°

Freeze frame: Yes

Type: Full-HD eLED

720p: Yes

1080i: Yes

Resolution (vertical and horizontal): 1920 x 1080

Size (inches): 22

HD: Yes

SD: Yes

HANDLING/COMFORT

Sleep timer: Yes

Alarm: Yes

Clock: Yes

HOTEL MODE

Customisable start screen: Yes

Energy card function: Yes

USB cloning function: Yes

Multimedia connectors: Yes

Lockable volume: Yes

Menu locking: Yes

Integrated LED clock: Yes

Radio mode: Yes

Alarm function: Yes

Sleep timer: Yes

Mixing of channel slots: Yes

Multicode remote control: Yes

Fireproofed housing: 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

Total programme memory: 5.000

Regional channel selection: Yes

POWER CONSUMPTION

Energy class: B

Software update: 18 W

Standby fast start: 17 W

Standby LED: 1 W

In operation: 32 W

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

Contains no mercury: Yes

POWER SUPPLY

Nominal voltage: 230 V

Frequency: 50 Hz

Mains adapter: external 12V DC

SUPPORTED FORMATS & CODECS

Video-Codecs: MPEG-2, MPEG-4, H.264, DivX, VC-1

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

JPEG: Yes

Audio-Formats: AAC, MP3, MP2, DDAC3

TUNER

Tuner type: HDTV-Multituner

DVB-S tuner: 1

DVB-C Tuner: 1

DVB-T Tuner: 1

Analogue UHF/VHF/CATV tuner: 1

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

Input impedance: 75 Ω

TECHNIROUTER ready: Yes

TECHNISELECT K: Yes

TUNER - ANALOGUE

Reception range: 48,25 ... 855,25 MHz

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

TUNER - CABLE

Reception range: 47 ... 862 MHz

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

Symbol rate: 1,5 ... 7

FEC: Reed-Solomon (204, 188)

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

TUNER - TERRESTRIAL

Reception range 1: 174 ... 230 MHz

Reception range 2: 470 ... 860 MHz

Demodulation: COFDM

Transmission mode: 2k/8k

Bitrate: 4,35 ... 31,67

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

Voltage supply: 5 V

Power supply: 0,05 A

WALL BRACKET

VESA wall mounting standards: VESA 100 x 100

SCOPE OF DELIVERY

TechniVision ISIO, glass base (swivel), 230V power cord, remote control with batteries TechniControl, User Manual, Quick Start Guide, external power supply