



## 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

### 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

### TECHNISAT ADDED VALUE SERVICES

AUTOINSTALL: Yes

#### INTERNET/NETWORK

HbbTV: Yes

HTML 5 support: Yes

#### AUDIO

Speakers: integrated broadband speaker system

AC3 Dolby Digital bitstream out: 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

#### DECRYPTION SYSTEM

CI+: 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

#### DISPLAY

Size (cm): 56 cm

Frequency: 50 Hz

Format: 16:9

Contrast ratio: 1.000:1

Brightness: 250 cd/m<sup>2</sup>

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  $\Omega$

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