



# TECHNISTAR K4 ISIO

HDTV-Kabelreceiver mit 4-fach-Tuner

| Colour | EAN           | Item no.  | Weight (Box) | Weight | Device (W x H x D) | Box                  |
|--------|---------------|-----------|--------------|--------|--------------------|----------------------|
| black  | 4019588247796 | 0002/4779 | 1,2 kg       | 514 g  | 28 x 3,8 x 13,5 cm | 39,6 x 5,6 x 21,2 cm |

## TOP FEATURES

HDTV cable quattro tuner (4x DVB-C)

DVB-IP multicast

Digital video recording on USB storage device incl. Timeshift

ISIO: Access to multimedia library, ISIO apps and HbbTV

CONAX decryption with chipset pairing incl. decoding of IP multicast

Multimedia streaming on home network (via UPnP, server)

Control via CONNECT App

Electronic program guide (EPG)

## SONSTIGES

bf\_filter\_anschluesse: USB

bf\_filter\_aufloesung: Full HD

bf\_filter\_empfangsart: Cable (DVB-C)

bf\_filter\_tuner\_typ: Quad tuner

bf\_filter\_austattung: Recording function

ts\_mehrwert\_isipro\_kabel: Yes

## MULTIMEDIA

DVR function: Ja

DVR storage medium: via USB

Multi Recording: Yes (3x Aufnahme + 1x live)

Timeshift: Yes

Recordings edition function: Yes

Recordings folder management: Yes

## AMBIENT OPERATING CONDITIONS

Ambient temperature: 5 ... 35 °C

Humidity: 10 ... 75 %

## TECHNISAT ADDED VALUE SERVICES

TECHNIFAMILY: Yes

TECHNIMATIC: Yes

SFI: Yes

AUTOINSTALL: Yes

## INTERNET/NETWORK

Webbrowser: Yes

VoD services: Ja

HbbTV: Yes

HTML 5 support: Yes

Internet speed test: Yes

ISIO Internet: Yes

## AUDIO

audio\_klare\_sprache: Yes über DVB

AC3 Dolby Digital bitstream out: Yes

## CONNECTIONS

HDMI™ (out): 1

USB: 2 (USB 2.0)

Common Interface Plus (CI+): Yes

Smartcard reader: Yes

Digital electric audio output (S/PDIF): Yes

Audio out analogue (RCA): Yes

Scart: 1

Ethernet 10/100 (RJ-45): Yes

IEC-Connector: Yes (Loop through)

IEC (out): 1

## DISPLAY

Picture in Picture (PIP): Yes

Picture and Picture (PAP): Yes

Freeze frame: Yes

SD: Yes

HD: Yes

1080p: Yes

1080i: Yes

720p: Yes

576p: Yes

576i: Yes

Type: 7 segment, 4 digits, green

## OTHER FEATURES

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

Loophrough: Yes

## READY FOR RECEPTION

M7: Yes

## DECODER

Video decoder: MPEG-2: MP@HL/ML, MPEG4/AVC: MP@L3, HP@L4

Audio decoder: MPEG-1 & MPEG-2 Layer I, II, III

## HANDLING/COMFORT

Page memory: 1.000

Teletext subtitles: Yes

Media Player: Yes

Manual control elements: Yes

Alarm: Yes

Sleep timer: Yes

Autostandby: Yes

Clock: Yes

Selection regional channels: Yes

Channel presets: 4.999

Remote control: Yes

Teletext: Yes

## POWER CONSUMPTION

Standby fast start: 3,4 W

Standby LED: 0,3 W

In operation: 8,4 W

## SUPPORTED FORMATS & CODECS

Video-Codecs: MPEG-1, MPEG-2 (MP@ML, MP@HL), H.264 (MP@ML, MP@HL), DivX

Video-Formats: M4V, MP4, MKV, MOV, MPG, TS, TS4, VOB, WMV, Xvid, M2TS, AVI

Picture-Formats: BMP, JPEG, GIF, PNG, TIFF

Audio-Formats: WAV, MP3, AAC, FLAC, M4A, MP2, OGG, DDAC3, AIFF

## DECRYPTION SYSTEM

Conax CSP: Yes (Contego compliant)

CI+: Yes (v1.3)

## HOTEL MODE

Protected access to hotel mode: Yes

Customisable start screen: Yes

Lockable volume: Yes

Menu locking: Yes

## POWER SUPPLY

Mains adapter: external DC 12V/1,5A

Nominal voltage: 230 V

Frequency: 50 Hz

## TECHNISAT CONNECT

SFI: Yes

#### TUNER

Tuner type: DigitalKabel

DVB-C Tuner: 4

Cable radio: Yes

Internet radio: Yes

Reception on: HD-TV, SD-TV, radio

DVB-IP (multicast): 2

#### 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)

#### SCOPE OF DELIVERY

TECHNISTAR K4 ISIO, Remote control

TECHNICONCONTROL (incl. Batteries), external power supply, HDMI cable, Antenna cabel, Manual