



TECHNISAT UHD 49 SL

EAN	Item no.	Colour	Weight (Box)	Weight
4019588995512	5649/9610	silver metallic/black	28,5 kg	21,9 kg
4019588095557	5649/9616	titanium metallic/black	28,5 kg	21,9 kg

TOP FEATURES

UHD/4K Empfang, Verarbeitung und Darstellung (HDMI mit 4K 50/60p / HDCP 2.2 / H.265/HEVC / 3.840 x 2.160 Bildpunkte / 3D-Technologie)

TechniSat Deluxe Sound 2.1 powered by ELAC

Dreifacher TwinTuner zum Empfang von DVB-S(S2), DVB-C und DVB-T2 (H.265/HEVC)

CI+ Schnittstelle für Pay-TV (kompatibel z.B. zu Sky, Unitymedia und mehr)

DVRready zum Aufzeichnen auf USB-Datenträger oder Netzwerkspeicher (NAS)

ISIO: Zugriff auf Mediatheken, Online-Videotheken, Apps und HbbTV

Internet-Themenkanäle von watchmi

UPnP/DLNA-Zugriff über Heimnetzwerk

Steuerung per CONNECT-App (iOS/Android)

TECHNISAT ADDED VALUE SERVICES

SFI+ : Yes

ISI-Mode : Yes

TECHNIFAMILY : Yes

ISIPRO : Yes

AUTOINSTALL : Yes

TECHNIMATIC : Yes

MULTIMEDIA

DVR function : Ja

DVR storage medium : USB, NAS

Timeshift : Yes

Recordings edition function : Yes

Recordings folder management : Yes

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 / SCR1 = EN50494, SCR2 = EN50607

INTERNET/NETWORK

Internet : Yes

ISIO Internet : Yes

ISIO live : Yes

HbbTV : Yes

VoD services : Ja

Webbrowser : Yes

HTML 5 support : Yes

Internet speed test : Yes

AUDIO

HDMI ARC : Yes

Speakers : 2 x 2-way sound system

CONNECTIONS	HANDLING/COMFORT	POWER CONSUMPTION
HDMI™ (in) : 3 (4K 50/60p / HDCP 2.2)	CONNECT app : Yes	SFIplus updating : 28 W
USB : 2 (USB 3.0)	Smart Home central unit : Yes für Smart Functions, nur in Verbindung mit Z-Wave Stick 1, (Art.-Nr. 0000/9536)	Software update : 28 W
Common Interface Plus (CI+) : Yes	Smart Home client : Yes	Energy class : A
Smartcard reader : Yes	Electronic Program Guide (EPG) : Ja	Standby fast start : 28 W
Digital optical audio out : Yes	Quick start : Yes	In operation : 77 W
Scart : 1 (via Mini-Scart-Adapter)	Parental Control : Ja	annual energy consumption when switched on : 112 kilowatt hour per annum
Ethernet 1Gbit/s (RJ-45) : 1	Media Player : Yes	Standby : 0,48 W
F socket : 2	Channel number mix : Yes	Off status : 0 W
IEC-Connector : Yes	Teletext : Yes	Power switch : Yes
Audio out analogue (3,5 mm jack) : 1	Alarm : Yes	Contains no mercury : Yes
Headphone output : Yes (3,5mm Klinke)	Autostandby : Yes	POWER SUPPLY
DECRYPTION SYSTEM	Sleep timer : Yes	Nominal voltage : 230 V
Nagravision : Yes	Hotel mode : Yes	Frequency : 50 Hz
CI+ : Yes	Clock : Yes	Mains adapter : internal
DIMENSIONS / WEIGHT	HOTEL MODE	READY FOR RECEPTION
Stand depth : 225 mm	Protected access to hotel mode : Yes	HD+ : Yes
Stand width : 445 mm	Customisable start screen : Yes	SUPPORTED FORMATS & CODECS
DISPLAY	Energy card function : Yes	Video-CODECS : MPEG-2, MPEG-4, H.264 (bis H.264/AVC Level 4.2), H.265, DivX, VC-1
Size (cm) : 123 cm	USB cloning function : Yes	Video-Formats : M4V, MP4, MKV, MOV, MPG, TS, TS4, VOB, WMV, Xvid, M2V, M2TS, AVI, ASF
Format : 16:9	Multimedia connectors : Yes	Picture-Formats : BMP, JPEG, GIF, PNG, TIFF
Picture in Picture (PIP) : Yes (2x SD, 2x HD, 1x UHD u. 1x HD, 1x UHD u. 1x SD, 1x SD u. 1x HD)	Lockable volume : Yes	Audio-Formats : WAV, MP3, AAC, FLAC, M4A, MP2, OGG, DDAC3, WMA
Angle of view : 178° / 178°	Menu locking : Yes	TECHNISAT CONNECT
Picture and Picture (PAP) : Yes (2x SD, 2x HD, 1x UHD u. 1x HD, 1x UHD u. 1x SD, 1x SD u. 1x HD)	Control panel lock : Yes	Control : Yes
Freeze frame : Yes	Radio mode : Yes	SFI : Yes
Zoom : Yes	Alarm function : Yes	TUNER
UHD/4K upscaling : Yes	Sleep timer : Yes	Tuner type : 3xTwin-Tuner
SD : Yes	Mixing of channel slots : Yes	DVB-S tuner : 2
HD : Yes	Multicode remote control : Yes	DVB-C Tuner : 2
UHD : Yes	Selectable start source : Yes	Tuner DVB-T2 : 2
2160p : Yes	Selectable start channel : Yes	Analogue UHF/VHF/CATV tuner : 1
1080p : Yes	MATERIALS CONTAINED	Reception on : UHD (H.265/HEVC), HDTV (MPEG-4), SD (MPEG-2)
720p : Yes	Lead : Yes	Input impedance : 75 Ω
Type : UHD eLED	OTHER FEATURES	TECHNISELECT 12 ready : Yes
Size (inches) : 49	OSD languages : English, German, French, Greek, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Spanish, Czech, Turkish, Hungarian	TECHNIROUTER ready : Yes
Resolution (vertical and horizontal) : 3840 x 2160	Total programme memory : 9.999	TUNER - ANALOGUE
GENERAL CHARACTERISTICS	Regional channel selection : Yes	Reception range : 47 ... 862 MHz
Appearance : Slim 55mm		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 ... 7,2
		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 ... 862 MHz

Demodulation : COFDM (QPSK, 16-QAM, 64-QAM)

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

WALL BRACKET

VESA wall mounting standards : VESA 200 x 200



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