

LED
40DS500

TCL

HD
TV
1080p

PPI  **400**
Picture Performance index

 **Smart TV.3**



Specifications of 40DS500

Resolution : 1920x1080
Brightness (cd/m²): 310
Dynamic contrast : Mega

Sound power: 2x8 W

Tuner : DVB-T2/C/S2

Digital connectors : 3 x 1.4
USB Multimedia Port (HD & SD Video, photo, music) : 2 x 2.0

DVB T2/C/S2

3 HDMI

2
USB

40DS500

TCL



DISPLAY

Screen size (inches/cm)	40 / 101.6
Visible screen size : diagonal(inches/cm)	39.5 / 100
Panel resolution	FHDS
Wide color Technology	-
Brightness (cd/m ²)	310
HDR (High Dynamic Range)	-
HDR brightness	-
Picture Performance Index*	400
Resolution	1920x1080
Curved / Curvature	-
10 bit panel	-
Dynamic contrast	Mega
Picture processing	Pure Image Ultra
Dimming	Yes
Ultra AR coating	-
UHD upscaling	-
Color management	Color Extender
Digital Noise Reduction	Yes
Film Mode	Yes

* Picture performance Index

AUDIO

Sound power	2x8 W
Music sound power	2x16 W
Dolby	Dolby Digital Plus
Sound Processing	-
Equaliser	Yes
Speaker type	Down Firing
Audio quality by	-
Speakers	Full range
Digital Pure Sound	-
Woofer	-
Auto volume control	Yes

SMART CONTENT

Processor	Dual Core
SmartTV	3.0 (27 languages)
Android OS	-
GuideOn (Internet EPG)	-
4K	-
Applications	Yes
Social	Yes
Web browser	Yes
HbbTV	1.5
Voice search	-
Internal memory	-

3D

3D Technology	-
2D to 3D conversion	-
3D depth adjustment	-
3D resolution	-

CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	Yes
Game mode	Yes
Sports mode	Yes
Picture in Picture	-
Sleep timer	Yes
Hotel mode	Yes w. NF purge
OSD Languages	27
HDMI CEC (T-link)	Full
HDMI quick switch	Yes

* USB key not included

CONVERGENCE

Bluetooth	-
DLNA 1.5	Yes
Wifi display (Miracast)	T-cast
USB HID support	Yes

CONTROL

Remote control batteries	Yes
Remote Control	RC802N2

TUNER/BROADCASTING

DTV Tuner	DVB-T2/C/S2
Video decoding	H.265 FHD, H.264, MPEG-2
Analogue tuner	Yes
Analogue tuner systems	PAL/SECAM/NTSC (AV) BG/DK/LL'
CI+	Yes (1.3)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

CONNECTIVITY

HDMI	3 x 1.4
HDCP 2.2	-
USB	2 x 2.0
Scart	-
YPbPr	CVBS
DVI-in (video)	via HDMI3
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in b/g/n
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestrial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / SCD	Yes v.1.0 / No
CI slot	1
HDMI ARC	via HDMI1
HDMI max resolution	1080P/60Hz
MHL	-
Power cable	1.5 m

DESIGN

Color	Black
Vesa size	100 x 100 mm
Stand type	Fixed

POWER

Energy efficiency class*	A
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)*	0,26 W
Power consumption (network standby)*	1,06 W
Power consumption (on mode IEC62087 Ed.2)*	61 W
Annual power consumption (EU standard)*	90 kWh
Peak luminance ratio	82%
Power consumption (maximum)*	80 W
Mercury content	0,0 mg
Presence of Lead	Yes

*estimation

DIMENSIONS & WEIGHT

Product Size	911 / 575 / 190 mm
Product size w/o stand	911 / 524 / 12-36-65-75 mm
Packaging size	1080 / 650 / 132 mm
Product / packaging	6,90 / 9,60 kg
Without stand	6,80 kg
EAN	5901292510732
Manual	27
Incl. 3D glasses	-