SPECIFICATIONS
Touchmonitor
IDS ET5503L

670 N. McCarthy Blvd
Milpitas, CA 95035
www.elotouch.com

DOCUMENT: PS600430
REV LETTER: B
REV DATE: Mar. 24, 2021
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ITLE: SPECIFICATIONS IDS ET5503L Monitor, Touchmonitor

NUMBER: PS600430

REVISION: B

OWNER: Engineering

Change History				
Rev	Author	Date	Description
A	Anson Lin	3/16/2021	Initial release per CO-21-0424
B	Anson Lin	5/24/2021	Update per CO-21-xxxx - Add NOM(Mexico) - Add six accessories to optional accessory
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Model	ET5503L
Color	Black
Diagonal Size	55" / 1397 mm
Active Display Area	47.62" x 26.79" / 1209.6 mm x 680.4 mm
LCD Technology	Active matrix TFT LCD (LED)
Touch Technology & Capacity	TouchPro® PCAP - up to 40 touches with palm rejection and touch thru capability; Infrared - up to 20 touches
Touch Thru	Supports up to 6mm glass/3mm plastic with up to 2 touches. Supports gloves up to 1.4mm
Aspect Ratio	16:9
Native Resolution	1920 x 1080 @ 60hz
Preset Video Timings	640x480 60Hz 800x600 56/60Hz 1024x768 60Hz 1280x720 60Hz 1280x960 60Hz 1280x1024 60Hz 1920x1080 50/60Hz – Native resolution
Number of Colors	8bit+FRC, 1.07 Billion colors
Brightness (typical)	**Panel:** 450 nits; **With PCAP:** 382 nits; **With Infrared:** 405 nits
Response Time (Tr + Tf) (typical)	8 msec
Viewing Angle (typical)	**Horizontal:** 89°/89° or 178° total **Vertical:** 89°/89° or 178° total
Contrast Ratio (typical)	4000:1
On-Screen Display (OSD)	**Let's Get Started:** Language Selection, Time Setting, Time Zone **Video Source Select:** HDMI-1, HDMI-2, DisplayPort, USB-C, Internal-PC DP, Internal-PC HDMI **Video Settings:** Video Port Discovery, Brightness, Contrast, Black Level, Sharpness and Aspect Ratio can be selected **Color Settings:** Color Temperature, Color Sensor, User Preset (for color), Picture Modes and HDMI Full Range are available in this menu. **Audio Settings**: Audio Input, Audio Output, Mute, Volume selection are available here. **Power:** Power Loss Behavior, Power Lock, Energy Saving Mode, Power Status Light options are available here **Time:** Time Set, On/Off Schedule **OSD Settings**: Recall Defaults, OSD Timer, OSD Language, OSD Lock and OSD Portrait Rotation, Touch Switch, Table Top **Information:** Monitor, Temperature and Help & Support are available here **See user manual for full details.**
Mounting Options	VESA MOUNT PER MIS-F, 400 x 400mm, M6 VESA MOUNT PER MIS-F, 600 x 600mm, M8 **See dimensional drawings for details**

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I/O Ports	HDMI 1.4 x2 USB-C (for Touch and video) RJ45 (for optional OSD remote) DisplayPort 1.2 3.5mm TRS jack (for RS232) 3.5mm Audio Headphones out Elo Edge Connect Micro USB 2.0 x4
Control Buttons	Power Video Source Selection On Screen Display
Video	2x HDCP-capable HDMI on Type A connector (HDR feature support) DisplayPort 1.2 connector USB-C connector **Input Video Horizontal Sync frequency range:** 30 – 69KHz **Input Video Vertical Sync (frame rate) frequency range:** 24 – 64Hz
Power	**Input connector (power):** IEC 60320-C13 **Input signal specifications (power):** 100-240VAC 50/60Hz
Power Consumption	**Infrared/PCAP:** **ON (monitor + AC/DC adapter):** 81 W **ON (monitor with ECMG4 + AC/DC adapter):** 207 W **SLEEP (monitor + AC/DC adapter):** 1.8 W **SLEEP (monitor with ECMG4 + AC/DC adapter):** 8.6 W **OFF (monitor + AC/DC adapter):** 0.3 W
Audio	**Speakers:** 2 x 10 W stereo speakers **Headphone output:** 3.5 mm TRS jack
Weight	**IR:** **Unpackaged With ECMG4:** 82.67 lbs./ 37.50 Kg **Unpackaged Without ECMG4:** 80.79 lbs./ 36.65 Kg **Packaged Without ECMG4:** 93.93 lbs./ 42.61 Kg **PCAP:** **Unpackaged With ECMG4:** 81.76 lbs./ 37.09 Kg **Unpackaged Without ECMG4:** 77.69 lbs./ 35.24 Kg **Packaged Without ECMG4:** 93.18 lbs./ 42.27 Kg
Dimensions (H x W x D)	**IR:** 50.07" x 29.24" x 3.54" / 1271.8 mm x 742.6 mm x 89.8 mm **PCAP:** 50.07" x 29.24" x 3.15" / 1271.8 mm x 742.6 mm x 80 mm **Shipping:** 55.12" x 36.61" x 9.61" / 1410 mm x 930 mm x 244 mm

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Temperature	**Portrait/Landscape/Tilt (≤15°) Mode:** **Operating:** 0° C to 40° C / 32° F to 104° F **Storage:** -20° C to 60° C / -4° F to 140° F **Tabletop Mode:** **Operating:** 0° C to 35° C / 32° F to 95° F **Storage:** -20° C to 60° C / -4° F to 140° F
Humidity (non-condensing)	**Operating:** 20% - 80% **Storage:** 10% - 95% (38.7°C max wet bulb temperature)
Regulatory approvals and declarations	UL 62368-1 FCC (US) cUL, IC (Canada) CB (International safety) (IEC/EN60950-1+IEC/EN62368-1) CE (Europe) RCM (Australia) VCCI (Japan) CCC (China) (for PCAP version only) IK07 and UL60950 for ball drop test EAC(Russia) NOM(Mexico)
Compliance	Energy Star 8.0
Warranty	3 years with AUR included
Extended Warranty	4 year warranty coverage + AUR - Elo P/N: E740135 5 year warranty coverage + AUR - Elo P/N: E740330 3 year warranty coverage + OSE (Continental US only) - Elo P/N: E740527 4 year warranty coverage + OSE (Continental US only) - Elo P/N: E740728 5 year warranty coverage + OSE (Continental US only) - Elo P/N: E740918
Maximum operating time	24 hours/day
Other Features	Ambient Light Sensor - changes panel color to match ambient light, Auto Wake
Sealing	Touchscreen sealed to bezel Touchscreen sealed to LCD
MTBF	50,000 hours demonstrated
Box contents	Quick Install Guide HDMI 2.0 cable (Type A plug to Type A plug) USB cable (Type A plug to Type C plug) Power cable, IEC 60320-C5 to NA plug Power cable, IEC 60320-C5 to EU/KR plug Power cable, IEC 60320-C5 to UK plug Serial 3.5mm male to Serial DB9 female cable (MDC Cable) Energy label according to EU Regulation 1062/2010

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Part Number List

Part Number	Part Description	UPC	Touch Technology	Surface Treatment	Touch Interface
E531934	ET5503L-2UWA-0-MT-ZB-GY-G	843173132105	TouchPro	Clear with Anti-Friction	USB-C
E532139	ET5503L-9UWA-0-MT-GY-G	843173132112	InfraRed	Clear	USB-C

Optional Accessories

Options/Peripheral/Upgrades	Part #	Options/Peripheral/Upgrades	Part #
Magnetic Stripe Reader	E001002	Wall mount	E727774
2D Barcode Reader	E926356	Passive Stylus (only for IR sku)	E727568
1D Barcode Reader	E093433	Active Stylus (only for PCAP sku)	E216215
NFC reader	E001004	OSD Remote	E483757
(Replacement) Cable Kit	E141067	ECMG4 with no OS	E227895
Conference Camera	E277819	ECMG4 with Win10 LTSC	E228087
EMV Cradle for Ingenico ICMP	E200788	ECMG4 with Win10 SAC	E725044
EMV Cradle for Verifone E355	E201363	ECMG4 with Win10 LTSC with Montage	E898841
EMV Cradle for Ingenico RP457c with BT and USB	E710930	ECMG4 with Win10 SAC with Collaboration	E405488
EMV Cradle for Ingenico RP457c with Audio Jack, BT and USB	E586981	EMV Cradle for MagTek eDynamo	E375343
Elo Backpack Android (supports a maximum resolution of 1920 x 1080)	E611864	Elo Backpack Android 3.0 (supports a maximum resolution of 1920 x 1080)	E901355
Elo Huddle Kit	E380925	Temperature Sensor Pro	E534879
3D Camera	E134699	2D Webcam	E201494
2D Barcode Scanner (SE2707)	E393160	2D Barcode Scanner (SE4720)	E384627
Fingerprint Reader	E134286		

Future Support Accessories

Options/Peripheral/Upgrades	Part #	Options/Peripheral/Upgrades	Part #
i-series 4.0 Elo Backpack	E393551		

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Documentation List

Document Number	Description
MS602648	DIMENSIONAL DRAWING, 5503L
SD609957	DRAWING, FILES MECH, 3D, 5503L
UM600482	USER GUIDE, 5503L, ENGLISH
UM600483	USER GUIDE, 5503L, FRENCH
UM600484	USER GUIDE, 5503L, GERMAN
UM600485	USER GUIDE, 5503L, SPANISH
UM600486	USER GUIDE, 5503L, ITALIAN
UM600487	USER GUIDE, 5503L, RUSSIAN
UM600488	USER GUIDE, 5503L, SIMPLIFIED CHINESE
UM600489	USER GUIDE, 5503L, TRADITIONAL CHINESE
UM600490	USER GUIDE, 5503L, JAPANESE
UM600491	USER GUIDE, 5503L, KOREAN

MTBF (Mean Time Between Failures) An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.