



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

SPECIFICATIONS Touchmonitor IDS 03 Monitor

DOCUMENT: PS600367
REV LETTER: B
REV DATE: Sep 16, 2020
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TITLE: SPECIFICATIONS IDS 03 Monitor, Touchmonitor

NUMBER: PS600367

REVISION: B

OWNER: Engineering

Change History

Rev	Author	Date	Description
A	Henry Hsu	09/01/2020	Initial release per CO-20-1453
B	Henry Hsu	09/16/2020	Update per CO-20-xxxx - Correct 3203L/4303L HDMI to V1.4 and DP to V1.2 - Remove HDR10 compatible (auto detect)
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Model	ET4303L
Color	Black
Diagonal Size	42.5" / 1080 mm
Active Display Area	37.04" x 20.84" / 940.86 mm x 529.254 mm
LCD Technology	Active matrix TFT LCD
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
Number of Colors	8bit(D), 16.7Millon 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



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On-Screen Display (OSD)	<p>Let's Get Started: Language Selection, Time Setting, Time Zone</p> <p>Video Source Select: HDMI-1, HDMI-2, DisplayPort, USB-C, Internal-PC DP, Internal-PC HDMI</p> <p>Video Settings: Video Port Discovery, Brightness, Contrast, Black Level, Sharpness and Aspect Ratio can be selected</p> <p>Color Settings: Color Temperature, Color Sensor, User Preset (for color), Picture Modes and HDMI Full Range are available in this menu.</p> <p>Audio Settings: Audio Input, Audio Output, Mute, Volume selection are available here.</p> <p>Power: Power Loss Behavior, Power Lock, Energy Saving Mode, Power Status Light options are available here</p> <p>Time: Time Set, On/Off Schedule</p> <p>OSD Settings: Recall Defaults, OSD Timer, OSD Language, OSD Lock and OSD Portrait Rotation, Touch Switch, Tabletop</p> <p>Information: Monitor, Temperature, Help and Support are available here</p> <p>See user manual for full details.</p>
Mounting Options	VESA MOUNT PER MIS-F, 400 x 400mm, M6 See dimensional drawings for details
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/MDC) 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 DisplayPort 1.2 connector USB-C connector Input Video Horizontal Sync frequency range: FHD: 30 – 69 KHz Input Video Vertical Sync (frame rate) frequency range: 24 - 64 Hz
Power	Input connector (power): IEC 60320-C13 Input signal specifications (power): 100-240VAC 50/60Hz
Power Consumption	Infrared/PCAP: ON (monitor + AC/DC adapter): 47 W ON (monitor with ECMG4 + AC/DC adapter): 83 W SLEEP (monitor + AC/DC adapter): 1.43 W SLEEP (monitor with ECMG4 + AC/DC adapter): 3.5 W OFF (monitor + AC/DC adapter): 0.29 W
Audio	Speakers: 2 x 8 W stereo speakers Headphone output: 3.5 mm TRS jack



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Weight	IR: Unpackaged With ECMG4: 46.44 lbs./ 21.09 Kg Unpackaged Without ECMG4: 41.82 lbs./ 18.99 Kg Packaged Without ECMG4: 51.86 lbs./ 23.55 Kg PCAP: Unpackaged With ECMG4: 45.34 lbs./ 20.59 Kg Unpackaged Without ECMG4: 40.72 lbs./ 18.49 Kg Packaged Without ECMG4: 50.76 lbs./ 23.05 Kg
Dimensions	IR: 39.66 " x 23.45 " x 2.74 " / 1007.44 mm x 595.67 mm x 69.62 mm PCAP: 39.66 " x 23.45 " x 2.36 " / 1007.44 mm x 595.67 mm x 59.82 mm Shipping: 45.27 " x 7.36 " x 32.28 " / 1150 mm x 187 mm x 820 mm
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) VCCI (Japan) RCM (Australia) CCC, China RoHS (China) (for TouchPro version only) IK07 and UL60950 for ball drop test
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



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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
E720629	ET4303L-2UWA-0-MT-ZB-GY-G	843173109954	TouchPro	Clear with Anti-Friction	USB-C
E721186	ET4303L-9UWA-0-MT-GY-G	843173109985	InfraRed	Clear with Anti-Friction	USB-C

Optional Accessories

Options/Peripheral/Upgrades	Part #	Options/Peripheral/Upgrades	Part #
Magnetic Stripe Reader	E001002	Wall mount	E721949
2D Barcode Reader	E926356	Stand	E722153
1D Barcode Reader	E093433	Passive Stylus (only for IR sku)	E727568
NFC reader	E001004	Active Stylus (only for 5053L)	E216215
Fingerprint Reader	E001001	OSD Remote	E483757
(Replacement) Cable Kit	E141067	WebCAM IDS02	E275233
Conference Camera	E277819	ECMG4 with no OS	E227895
EMV Cradle for Ingenico ICMP	E200788	ECMG4 with Win10 LTSC	E228087
EMV Cradle for Verifone E355	E201363	ECMG4 with Win10 SAC	E725044
EMV Cradle for Ingenico RP457c with BT and USB	E710930	ECMG4 with Win10 LTSC with Montage	E898841
EMV Cradle for Ingenico RP457c with Audio Jack, BT and USB	E586981	ECMG4 with Win10 LTSC with Collaboration	E405488
EMV Cradle for MagTek eDynamo	E375343	Elo Backpack Android (supports a maximum resolution of 1920 x 1080)	E611864
Elo Huddle Kit	E380925	Elo Backpack Android 3.0 (supports a maximum resolution of 1920 x 1080)	E901355

Future Support Accessories

Options/Peripheral/Upgrades	Part #	Options/Peripheral/Upgrades	Part #
Fingerprint Reader	E134286	3D Camera	E134699
2D Webcam	E201494	Temperature Sensor Pro	E534879
2D Barcode Scanner (SE2707)	E393160	2D Barcode Scanner (SE4720)	E384627



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Documentation List

Document Number	Description
QIG600066	QIG, IDS 03 Series
MS602351	DIMENSIONAL DRAWING, ET3203L
MS602352	DIMENSIONAL DRAWING, ET43x3L
MS602353	DIMENSIONAL DRAWING, ET5053L
SD608929	DRAWING, FILES MECH, 3D, 3203L
SD608285	DRAWING, FILES MECH, 3D, 43x3L
SD608928	DRAWING, FILES MECH, 3D, 5053L
UM600265	USER GUIDE, IDS 03 SERIES, ENGLISH
UM600266	USER GUIDE, IDS 03 SERIES, FRENCH
UM600267	USER GUIDE, IDS 03 SERIES, GERMAN
UM600268	USER GUIDE, IDS 03 SERIES, SPANISH
UM600269	USER GUIDE, IDS 03 SERIES, ITALIAN
UM600270	USER GUIDE, IDS 03 SERIES, RUSSIAN
UM600271	USER GUIDE, IDS 03 SERIES, SIMPLIFIED CHINESE
UM600303	USER GUIDE, IDS 03 SERIES, TRADITIONAL CHINESE
UM600272	USER GUIDE, IDS 03 SERIES, JAPANESE
UM600304	USER GUIDE, IDS 03 SERIES, 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.

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