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SPECIFICATIONS
Touchmonitor
IDS 03 Monitor

DOCUMENT: PS600367
REV LETTER: D
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TITLE: SPECIFICATIONS IDS 03 Monitor, Touchmonitor

NUMBER: PS600367

REVISION: D

OWNER: Engineering

Change History			
Rev	Author	Date	Description
A	Henry Hsu	09/01/2020	Initial release per CO-20-1453
B	Henry Hsu	09/25/2020	Update per CO-20-1616 - Correct 3203L/4303L HDMI to V1.4 and DP to V1.2 - Remove HDR10 compatible (auto detect)
C	Anson Lin	02/25/2021	Update per CO-21-0420 - Add 5053L dimension / weight/ power consumption data - Update 4303L dimension - Add comment for Touch Through - Add agency EAC(Russia) - Update 32" brightness value - Update accessory list
D	Anson Lin	05/19/2021	Update per CO-21-xxxx - Add five accessories to optional accessory - Add agency NOM(Mexico)

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Model	ET3203L	ET4303L	ET5053L
Color	**Black**		
Diagonal Size	31.5" / 800.1 mm	42.5" / 1080 mm	50" / 1270 mm
Active Display Area	27.5" x 15.47" / 698.4 mm x 392.9 mm	37.04" x 20.84" / 940.86 mm x 529.254 mm	43.14" x 24.27" / 1095.84 mm x 616.41 mm
LCD Technology	Active matrix TFT LCD		
Touch Technology & Capacity	TouchPro® PCAP - up to 40 touches with palm rejection and touch thru capability	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 *Contact Elo for help with touch through config files	Supports up to 6mm glass/3mm plastic with up to 2 touches. Supports gloves up to 1.4mm *Contact Elo for help with touch through config files	Supports up to 6mm glass/3mm plastic with up to 2 touches. Supports gloves up to 1.4mm *Contact Elo for help with touch through config files
Aspect Ratio	16:9		
Native Resolution	1920 x 1080 @ 60hz	1920 x 1080 @ 60hz	3840 x 2160 @ 60Hz
Preset Video Timings	640x480 60Hz 800x600 56/60Hz 1024x768 60Hz 1280x720 60Hz 1280x960 60Hz 1280x1024 60Hz 1920x1080 50/60Hz	640x480 60Hz 800x600 56/60Hz 1024x768 60Hz 1280x720 60Hz 1280x960 60Hz 1280x1024 60Hz 1920x1080 50/60Hz	640x480 60Hz 800x600 56/60Hz 1024x768 60Hz 1280x720 50/60Hz 1280x960 60Hz 1280x1024 60Hz 1920x1080 60Hz 2560x1440 60Hz 2560x1600 60Hz 3840x2160 30/60Hz
Number of Colors	8bit(D), 16.7Millon colors	8bit(D), 16.7Millon colors	8bit + FRC, 1.07Billon colors
Brightness (typical)	**Panel:** 500 nits **With PCAP:** 430 nits	**Panel:** 450 nits **With PCAP:** 382 nits **With Infrared:** 405 nits	**Panel:** 500 nits **With PCAP:** 430 nits **With Infrared:** 450 nits
Response Time (Tr + Tf) (typical)	8 msec	8 msec	9.5 msec
Viewing Angle (typical)	**Horizontal:** 89°/89° or 178° total **Vertical:** 89°/89° or 178° total		
Contrast Ratio (typical)	3000:1	4000:1	4000:1

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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, Tabletop **Information:** Monitor, Temperature, Help and Support are available here **See user manual for full details.**	
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	HDMI 2.0 x2 USB-C (for Touch and video) RJ45 (for optional OSD remote) DisplayPort 1.4 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	2x HDCP-capable HDMI on Type A connector DisplayPort 1.4 connector USB-C connector **Input Video Horizontal Sync frequency range:** 30 – 135 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	**PCAP:** **ON (monitor + AC/DC adapter):** 44 W **ON (monitor with ECMG4 + AC/DC adapter):** 81 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	**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	**Infrared/PCAP:** **ON (monitor + AC/DC adapter):** 99 W **ON (monitor with ECMG4 + AC/DC adapter):** 116 W **SLEEP (monitor + AC/DC adapter):** 1.8 W **SLEEP (monitor with ECMG4 + AC/DC adapter):** 8.7 W **OFF (monitor + AC/DC adapter):** 0.28 W
Audio	**Speakers:** 2 x 5 W stereo speakers **Headphone output:** 3.5 mm TRS jack	**Speakers:** 2 x 8 W stereo speakers **Headphone output:** 3.5 mm TRS jack

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Weight	**PCAP:** **Unpackaged With ECMG4:** 30.8 lbs./ 13.97 Kg **Unpackaged Without ECMG4:** 26.17 lbs./ 11.87 Kg **Packaged Without ECMG4:** 33.75 lbs./ 15.31 Kg	**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	**IR:** **Unpackaged With ECMG4:** 61.62 lbs./ 27.95 Kg **Unpackaged Without ECMG4:** 56.99 lbs./ 25.85 Kg **Packaged Without ECMG4:** 71.1 lbs./ 32.25 Kg **PCAP:** **Unpackaged With ECMG4:** 61.42 lbs./ 27.86 Kg **Unpackaged Without ECMG4:** 56.79 lbs./ 25.76 Kg **Packaged Without ECMG4:** 69.84 lbs./ 31.68 Kg
Dimensions	**PCAP:** 30.11 " x 18.07 " x 2.25 " / 764.7 mm x 459.1 mm x 57.2 mm **Shipping:** 35.04 " x 25.2 " x 6.3 " / 890 mm x 640 mm x 160 mm	**IR:** 39.66 " x 23.45 " x 2.74 " / 1007.4 mm x 595.7 mm x 69.6 mm **PCAP:** 39.66 " x 23.45 " x 2.35 " / 1007.4 mm x 595.7 mm x 59.6 mm **Shipping:** 45.3 " x 7.4 " x 32.3 " / 1150 mm x 187 mm x 820 mm	**IR:** 45.75 " x 26.88 " x 2.83 " / 1162.1 mm x 682.7 mm x 71.8 mm **PCAP:** 45.75 " x 26.88 " x 2.44 " / 1162.1 mm x 682.7 mm x 62.0 mm **Shipping:** 51.6 " x 7.4 " x 37.0 " / 1310 mm x 187 mm x 940 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 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		

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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
E720061	ET3203L-2UWA-0-MT-ZB-GY-G	843173109923	TouchPro	Clear with Anti-Friction	USB-C
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
E666042	ET5053L-2UWA-0-MT-ZB-GY-G	843173135724	TouchPro	Clear with Anti-Friction	USB-C
E665859	ET5053L-2UWA-1-MT-ZB-GY-G	843173135717	TouchPro	Anti-Glare	USB-C
E666224	ET5053L-9UWA-0-MT-GY-G	843173135731	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
(Replacement) Cable Kit	E141067	OSD Remote	E483757
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
Temperature Sensor Pro	E534879	Fingerprint Reader	E134286
3D Camera	E134699	2D Webcam	E201494
2D Barcode Scanner (SE2707)	E393160	2D Barcode Scanner (SE4720)	E384627

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
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.