

CMIT X

Web Panel Series

Smart Control Solutions for Industry 4.0



cMT X Web Panel Series

All-in-One Data Center Take Command of Your Online Data!

Weintek unveils the new cMT X Web Panel, built for browser-based access that delivers real-time visibility into critical data.

From production floors to management systems and data centers, it enables online monitoring, data integration, and predictive analysis.



Built-in Chromium Browser

Access HTML5 content with built-in browser support and continuous updates for enhanced security and stable performance.



Plug and Play Wiring

Connect with a single Ethernet cable to view online data, simplifying wiring and speeding up deployment.



WebView Remote HMI Access

Enter any HMI IP address in the panel browser to instantly view its screen and monitor remotely without distance limits.

Industrial-Grade Web Panel Boundless Applications—



Web Panels present key data in real time, enabling smart on-site systems with full visibility and control.

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Smart Factory

Deploy Web Panels as clients to access PLC web systems from production lines or control stations. Connect to SCADA or Dashboard to retrieve process data, equipment status, and alarm logs.



Smart Building

Use as a smart hub to control lighting, AC, curtains, and home security with one touch—ideal for offices, hotels, and communities needing centralized and remote management.



Smart Logistics

Enable operators to follow WMS picking instructions via touch screen. Confirm items and send AGVs to the next stop—streamlining operations and reducing manual errors.

Specifications

		cMT2058XH (W)	cMT3072XP (W)	cMT3108XP (W)	cMT3162X (W)	cMT-FHDX-820 (W)
Display	Display	4.3" WVA	7" WVA	10.1" WVA	15.6" WVA	N/A
	Resolution	800 x 480	1024 x 600	1280 x 800	1920 x 1080	N/A
	Brightness (cd/ m ²)	530	550	425	300	N/A
	Contrast Ratio	800:1	800:1	800:1	800:1	N/A
	Backlight Type	LED	LED	LED	LED	N/A
	Backlight Life Time	>30,000 hrs.	>30,000 hrs.	>50,000 hrs.	>30,000 hrs.	N/A
	Colors	16.7M	16.7M	16.7M	16.2M	N/A
	LCD Viewing Angle (T/B/L/R)	80/80/80/80	85/85/85/85	89/89/89/89	89/89/89/89	N/A
	Pixel Pitch (mm)	0.1188(H) x 0.1122(V)	0.1506(H) x 0.1432(V)	0.1695(H) x 0.1695(V)	0.17925(H) x 0.17925(V)	N/A
Touch Panel	Type	4-wire Resistive Type	Tempered Glass, Capacitive Type Hardness Scale 7H	Tempered Glass, Capacitive Type Hardness Scale 7H	Tempered Glass, Capacitive Type Hardness Scale 7H	N/A
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	N/A	N/A	N/A	N/A
Memory	FLASH	4 GB	4 GB	4 GB	4 GB	4 GB
	RAM	1 GB	1 GB	1 GB	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC	Quad-core RISC	Quad-core RISC	Quad-core RISC
I/O Port	SD Card Slot	N/A	N/A	N/A	N/A	microSD x1
	USB Host	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	WiFi	N/A	N/A	M02 WiFi Expansion Module (Optional)	N/A	N/A
	HDMI Output	N/A	N/A	N/A	N/A	max. resolution 1920 x 1080
	Audio Output	N/A	N/A	Built-in Mono Speaker	Built-in Mono Speaker	HDMI Audio Output
	RTC		Built-in	Built-in	Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC	24±20%VDC	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in	Built-in	Built-in	Built-in
	Power Consumption	510mA@24VDC	820mA@24VDC	700mA@24VDC	1.3A@24VDC	850mA@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)	500VAC (1 min.)	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Mechanical	PCB Coating	Yes	Yes	Yes	Yes	Yes
	Enclosure	Plastic	Plastic	Plastic	Front Bezel: Plastic, Rear Enclosure: Aluminum	Plastic
	Dimensions WxHxD	128 x 102 x 32 mm	200.3 x 146.3 x 36.9 mm	266 x 196 x 42.7 mm	400 x 263 x 27.6 mm	29.8 x 130 x 115 mm
	Panel Cutout	119 x 93 mm	192 x 138 mm	255 x 185 mm	384 x 247 mm	N/A
	Weight	Approx. 0.27 kg	Approx. 0.7 kg	Approx. 1.1 kg	Approx. 1.6 kg	Approx. 0.24 kg
	Mount	Panel mount	Panel mount	Panel mount, VESA mount 75 x 75 mm	Panel mount, VESA mount 100 x 100 mm	35 mm DIN rail mounting
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	NEMA4 / IP66 Compliant Front Panel	IP20
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 50° C (32° ~ 122° F)	0° ~ 55° C (32° ~ 131° F)	0° ~ 55° C (32° ~ 131° F)	0° ~ 50° C (32° ~ 122° F)	0° ~ 50° C (32° ~ 122° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 m	3,000 m	3,000 m	3,000 m	3,000 m
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked	CE marked	CE marked	CE marked	CE marked
	UL	cULus Listed	cULus Listed	cULus Listed	cULus Listed	cULus Listed
	ATEX	N/A	N/A	ATEX Zone 2/22 Category 3 G/D	N/A	N/A
Software	Browser	Chromium 132 (Upgradable)	Chromium 132 (Upgradable)	Chromium 132 (Upgradable)	Chromium 132 (Upgradable)	Chromium 132 (Upgradable)
	Weincloud	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)

Contact

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