

Specifications



Model		cMT3108XP (iV)	cMT3162X (iV)
Display	Display	10.1" WVA	15.6" WVA
	Resolution	1280 x 800	1920 x 1080
	Brightness (cd/ m²)	425	300
	Contrast Ratio	800:1	800:1
	Backlight Type	LED	LED
	Backlight Life Time	> 50,000 hrs.	> 30,000 hrs.
	Colors	16.7M	16.2M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89	89/89/89/89
		Pixel Pitch (mm)	0.1695(H) x 0.1695(V)
Touch Panel	Type	Tempered Glass, Capacitive Type Hardness Scale 7H	Tempered Glass, Capacitive Type Hardness Scale 7H
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	USB Host	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: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	WiFi	M02 WiFi Expansion Module (Optional)	N/A
	Audio Output	Built-in Mono Speaker	Built-in Mono Speaker
RTC		Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
	Power Consumption	700mA@24VDC	1.3A@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes	Yes
	Enclosure	Plastic	Front Bezel: Plastic, Rear Enclosure: Aluminum
	Dimensions WxHxD	266 x 196 x 42.7 mm	400 x 263 x 27.6 mm
	Panel Cutout	255 x 185 mm	384 x 247 mm
	Weight	Approx. 1.1 kg	Approx. 1.6 kg
	Mount	Panel mount, VESA mount 75 x 75 mm	Panel mount, VESA mount 100 x 100 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 55° C (32° ~ 131° F)	0° ~ 50° C (32° ~ 122° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	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)
Certificate	CE	CE marked	CE marked
	UL	cULus Listed	cULus Listed
	ATEX	ATEX Zone 2/22 Category 3 G/D	N/A
Software	cMT Viewer	Yes	Yes
	Weincloud	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)

cMT Viewer
HMI Series

Centralized HMI Monitoring Solution



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One-to-Many & Many-to-One, Maximize HMI Monitoring Freedom with cMT Viewer

Weintek's high-resolution capacitive HMIs—the 10.1" cMT3108XP (iV) and 15.6" cMT3162X (iV)—include cMT Viewer to break VNC's single-HMI barrier. With new models, the whole team can now operate multiple cMT X, cMT X Headless, and cMT Series HMIs simultaneously, achieving seamless and centralized monitoring.

Download cMT Viewer



Google Play



App Store

Weintek



Website

cMT Viewer App Features

Cross-Platform Accessibility

Open cMT Viewer on smartphones, tablets or PCs to monitor any HMI from virtually anywhere.

One-to-Many & Many-to-One Operation

Multiple users on the same network can access different screens of a single HMI. For example, two engineers in the office can simultaneously view the alarm and status pages of the same HMI on the shop floor.

Access Control Management

Restrict access to specific objects, such as the emergency stop button, to on-site operators only to prevent remote misuse and reduce downtime.



Many Users, One HMI

One User, Many HMIs

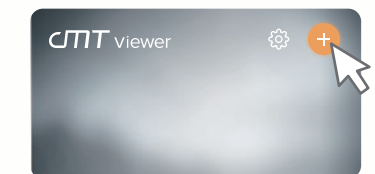
Secure TLS Encryption

Encrypt all data between HMIs and cMT Viewer with TLS to safeguard against interception or tampering.

Goodbye Complexity ! 3 Steps to Get Started

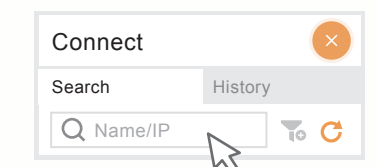
1.Launch App

Open cMT Viewer and tap "+".



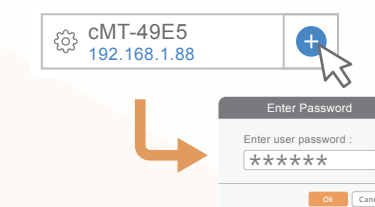
2.Scan for HMIs

Discover all cMT/cMT X series HMIs on your network.



3.Add & Authenticate

Select your HMI, tap "+", and enter the password.



4.Connected!

