



New 12" HMI Debut

Fast, smart, and stable, the cMT X Series has won much acclaim since its initial launch. Acknowledging ongoing demands for certain markets, Weintek is pleased to announce the release of the first **12" cMT X Standard HMI: cMT2128X**. This new model incorporates new hardware and software designs that are needed to satisfy today's requirements.

cMT2128X is equipped with powerful hardware, including a quad-core CPU, 4GB of Flash memory, 1GB of RAM, an 89° all-around wide viewing angle display, dual-Ethernet ports, and complete serial port options (RS232 2W/4W, RS485 2W/4W, SIEMENS MPI), all of which contribute to an exceptional operating experience. In terms of software, it offers many cMT X exclusive features, particularly in secure file transfer, multimedia support, and mobile/remote monitoring, all designed to improve work efficiency and HMI applicability.

Secure File Transfer

Supports FTP server access with full encryption.



Multimedia Support

Supports PDF reader, video player, and IP/USB camera.



Mobile/Remote Monitoring

Supports VNC, WebView (web access), cMT Viewer (app access), and Weincloud (cloud remote access).



Seamless Transition

Those upgrading to cMT2128X will find the transition quick and easy. First of all, it uses the same cutout dimension (305*231mm) as previous 12" models, meaning that hardware modification will not be needed. Furthermore, its screen resolution (1024*768) is the same as the existing 12" models, so there is no need for project redesign, which saves plenty of time and manpower. For selected few features that cannot be directly converted, update reports and modification guidelines are provided to ensure a seamless transition.

Facing the future full of challenges and uncertainties, we believe that cMT2128X, with its competitive hardware and software capabilities, will fit the bill for the latest industrial applications.

cMT2128X Spec Highlights

	cMT2128X 		
Display	12.1" Wide Viewing Angle (WVA)		
Resolution	1024 x 768		
LCD Viewing Angle	89/89/89/89		
Processor	Quad-core RISC		
Flash/RAM	4GB / 1GB		
SD Card/USB	Micro SD x 1 / USB 2.0 Host x 1		
Ethernet	10/100/1000 Base-T x 1 10/100 Base-T x 1		
COM Port	Con.A:COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B:COM1 RS-232 4W, COM3 RS-232 2W*		
MPI	Yes		
Enclosure	Plastic		
Dimensions WxHxD	317 x 243 x 41 mm		
Panel Cutout	305 x 231 mm		
Operating Temperature	0° ~ 55°C (32° ~ 131°F)		
Protection Structure	NEMA4 / IP66 Compliant Front Panel		
Input Power	24±20% VDC		
Power Consumption	1.2A@ 24VDC		
Weight	Approx. 1.7 kg		
Software	EasyBuilder Pro	V6.08.01 or later	
	Weincloud	Dashboard	Optional
		EasyAccess 2.0	Optional
	CODESYS®	Optional	

* Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

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