MX-SERIES
INTERACTIVE FLAT PANEL

flp

08:00 | **Wednesday** 2021/7/7

Files | Wireless Casting | Whiteboard | Applications
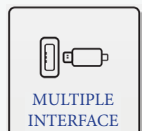
DUAL SYSTEM

MULTI TOUCH

WIRELESS CASTING

EYE PROTECTION

MULTIPLE INTERFACE

Built-in Camera
8 Mega Pixel

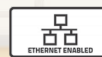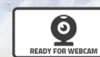**6-Array Microphone**
Noise & Echo Cancelling

Dual System
Android and
Windows (optional)

BYOD Enabling
Wireless Screen
Sharing

4K UHD	**LED** LED BACKLIGHT	ESHARE App	ANTI GLARE COATING	STEREO	AUDIO IN / AUDIO OUT	READY FOR WEBCAM
20 POINTS MULTI TOUCH	INFRARED TOUCH SENSOR	USB 3.0	WIFI ENABLED	ETHERNET ENABLED	BLUETOOTH	REMOTE CONTROL
HDMI HIGH-DEFINITION MULTI MEDIA INTERFACE	VGA CONNECTOR	**16/7** SEMI CONTINUOUS USE	ECO system	MULTI SYSTEM COMPATIBLE	OPS SLOT-IN PC	**CE** CONFORMITÉ EUROPÉENNE

SMART PEN (optional)
Remote Control
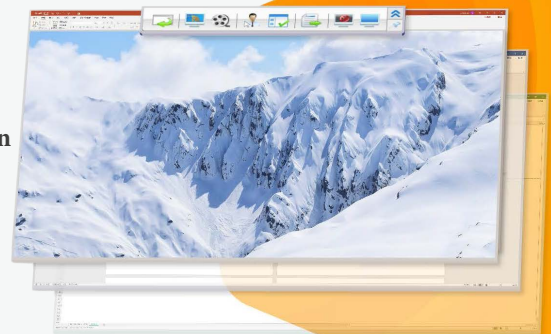(Mouse/Page Turn/Vocal Control)

Wireless Sharing

Wireless System to transfer from
Windows, iOS, Chromebook, or
Android devices to the panel

COLLABORATION

**Work collaboratively, both locally and remotely,
for increased productivity and improve results**

**Share and interact with your presentation on-screen
instantly with wireless sharing software**

All-in-One (OPS optional)

It can include an OPS (optional
PC module) that forms the
display into a more powerful tool
to use in a working environment

Touch Experience

State-of-the-art infrared touch system with a very
fluid touch experience

Interactivity

Interactive presentations allow you
to connect faster and better with
your audience

Take notes on the display

Make annotation on the screen,
your files, videos, or images. Save
and share!

Classroom Management Software (optional)

An interactive teaching software
which can realize the teacher-
student interaction, teaching
evaluation, network management
in the ordinary classroom.
Create a totally new wireless
network teaching mode for the
school.
Enable screens synchronization
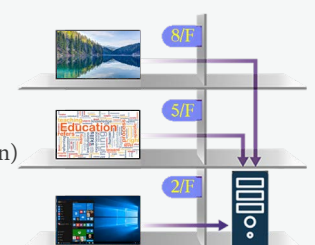up to 60 devices

Multiplatform

Connect any external
device (Windows, Mac,
Chromebook or Linux)
and work directly on the
interactive flat panel

Remote Management System (optional)

Remote real-time screen control/view
Power Management (Shut down or Power On)
Information distribution and updates
Device-level usage history and reports
Applications on device with license

8/F

5/F

2/F

Support Teacher and Students Cross-platform Operation

Fully compatible with various mobile devices with Android, Windows, iOS, Mac and Linux OS

The CMS applications can be run on Android OS of the IFP, and the Windows OS as well if OPS option is equipped. Furthermore, teacher can host the class and do presentation via his/her own device with CMS functions.

Maximum features can be obtained when teacher's using Windows device,

The MX interactive flat panel features the cross-platform Classroom Management System (CMS) functions.

60
Mobile Devices Smooth Interactive Teaching

Screen Broadcast
The teacher can call various multimedia resources directly and broadcast them to students to enrich class teaching.

Student Demonstration
The teacher selects one student to display his/her screen to main IFP and other students at any time and conduct demonstration teaching.

Interactive Whiteboard
The teacher invites all or select students to finish a learning task together, such as doing exercise, drawing, etc. Students can write by hand or submit answer by shooting.

Group Teaching
The teacher rapidly divides students into different groups and distributes teaching materials with different topics. Group members can discuss and complete their learning tasks in text, picture and voice.

flp™ Education MX Series Interactive Flat Panel

Model No		EP-55MX	EP-65MX	EP-75MX	EP-86MX
LED Parameters	Size	55INCH	65INCH	75INCH	86INCH
Screen Type	Back Light	D-LED	D-LED	D-LED	D-LED
Display Parameters	Active Display Area	1209.6(H) x680.4 (V)	1428.48 (H) x 803.52 (V)	1649.74 (H) x 927.94(V)	1895.04 (H) x 1065.96 (V)
	Display Frequency	60Hz	60Hz	60Hz	60Hz
	Display Colors	10bit(D), 1.07Billon colors			
	Resolution	3840 ×2160 (PIXELS)			
	Brightness	350cd/m²	350cd/m²	350cd/m²	350cd/m²
	Contrast Ratio	5000:1	1200: 1	1200: 1	1200: 1
	Response Time	8ms (typ.)	6ms (typ.)	6ms (typ.)	6ms (typ.),
	Aspect Ratio	16:9	16:9	16:9	16:9
	Screen Protecctor	4mm Tempered Glass with Anti-Glare coating. Hardness Mohs 7			
	Led Life time	50,000 Hours	50,000 Hours	50,000 Hours	50,000 Hours
	Viewing Angle	178 degrees in horizontal, 178 degrees in vertical			
Camera & Mic	Camera	8 Mega pixels			
	Microphone	6-element microphone array, up to 8 meters voice pickup			
Speaker	Sound Output-Speaker	10Wx2 + 15W	10Wx2 + 15W	10Wx2 + 15W	10Wx2 + 15W
Power Consumption	Power((without PC)	< =180W	< =200W	< =280W	< =450W
	Working Voltage	100V~240V AC 50 / 60Hz			
	Standby Power	≤ 0.5W			
ANDROID OS	Android System	Android 7.0 2GB RAM + 32GB ROM	Android 8.0 4GB RAM + 32GB ROM		
	CPU /GPU	1.2G/MALI450	ARM Architecture 64bit A53 *2 +A73*2 (Quad Core) 1.5Ghz / GP51		
	WIFI		WIFI 802.11/a/b/g /n/ac (2.4Ghz + 5Ghz) ; with Hotspot 5Ghz		
Connectivity	HDMI IN	HDMI IN*2	HDMI IN*3		
	USB	USB 2.0 *3, USB3.0 *1	USB 2.0 *3, USB3.0 *3, TOUCH USB *2		
	VGA & AUDIO IN	-	VGA IN *1, AUDIO IN * 1		
	Ethernet	RJ45 *1	RJ45 *1		
	RS232	-	RS232*1		
	Output	HDMI OUT *1, LINEOUT*1	HDMI OUT *1, AUDIO OUT *1, SPDIF *1, RS232		
	Front Interface	USB 3.0 *2	USB 3.0 *2		
Touch Parameters	Touch Technology	Infrared technology (IR)			
	Touch Points	20 Points Touch			
	Inductive Objects	Finger or pen			
	Accuracy	Φ 1mm			
	Minimum Size	Φ 2mm			
	Resolution	32767*32767			
	Response Time	≤6ms (150FPS)			
	Report number	150 frames per second For single touch			
	Working life	>60000 hours			
	Anti-Light	≤8000lux			
	Operation System	Support Windows , Mac, Android; HID Support			
Standard Configuration	Accessories	Remote control* 1 ; Power cable *1 ; HDMI Cable 2M *1 ; Touch USB cable 2M *1 ; Stylus Pen *2 ; User Manual *1 ; Wall bracket *1 ;			
Features		1. Smart whiteboard 2. Wireless projection 3. Support dual system (windows system optional) 4. Built-in video conference application, compatible with ZOOM; 5. RMS reomote manangement system (optional); 6. Classroom management (optional)			
Physical Parameters	Overall Dimension	1262*85*782mm	1489*90*912mm	1710*90*1035mm	1957*90*1175mm
	Packing Size	1428*220*878mm	1650*203*1050mm	1886*210*1196mm	2134*210*1334mm
	Net Weight	26±0.5kg	40±0.5kg	54.5±0.5kg	68.8±0.5kg
	Gross Weight	36±0.5kg	50±0.5kg	70.5±0.5kg	88.5±0.5kg
Environment	Working Temperature	0 °C~ 45°C	0 °C~ 45°C	0 °C~ 45°C	0 °C~ 45°C
	Storage Temperature	-20°C~ 60 °C	-20°C~ 60 °C	-20°C~ 60 °C	-20°C~ 60 °C
	Working Humidity	10% ~90% RH	10% ~90% RH	10% ~90% RH	10% ~90% RH
OPS PC (Optional)		Proecessor INTEL°CORE i5 or i7 8th generation; RAM with 4GB/8GB ; Storage SSD 125GB/256GB/512GB			

Features and specifications are subject to change without prior notice

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