

IQTouch E.B -Intelligent Blackboard



IQTouch E.B-Intelligent Blackboard is a new design teaching machine integrating intelligent flat panel, built-in computer, android system and blackboard. It adopts the latest capacitive touch technology to make the touch feel more real and fast. The touch screen uses anti-glare tempered glass and the entire blackboard can be written with ordinary chalk and can be quickly erased.

Specifications

Name	IQTouch E.B-Intelligent Blackboard
Model	LE086MF
Diagonal Size	86"
LED Light Source	Backlight
Resolution	3840*2160
Brightness (typ)/(min)	400cd/m ²
Contrast Ratio(typ)/(min)	5000:1
Response Rate (typ)/(min)	16ms
Pixels Dot Distance(mm)	0.4935*0.4935
Refreshing Frequency	60Hz
Viewing Angle	178°(H), 178°(V)
Backlight Life Time (typ)/(min)	60,000 hrs
Color Saturation (x% NTSC)	80%
Display Area(mm)	1895.04* 1065.96
Depth of Color	10bit

Power Supply	
Voltage	100-240V,50-60 Hz
Maximum Power	≤450W
Standby Power	<0.5W

Physical	
Net Weight	140Kg
Gross Weight	88Kg(Display screen)+42Kg(Blackboard)
Product Size (W*D*H)	4200 * 1300 * 65
Packing Size (W*D*H)	N/A
Border Material	Aluminium Alloy
Frame Color	Black

Front Interfaces	
Public-USB (OPS3.0, Android 2.0)	3
HDMI	1
Buttons	6

Output Interfaces	
TOUCH-USB (B type)	1

Language	
OSD	English, Chinese

Environmental	
Working Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Working Humidity	10% ~ 90% RH Non-Condensing
Storage Humidity	20% ~ 80% RH Non-Condensing
Maximum Working Hours(Hours/Day)	18H / 7D
Working Temperature	0°C ~ 40°C

Input Interfaces	
LAN	1
HDMI	2
VGA	1
Earphone	1
AUDIO	1
USB2.0 (A Type)	2
RS232	1

OPS Interfaces (Optional)	
USB2.0	2
USB3.0	2
LAN	1
HDMI	1
LINE-OUT	1
MIC-IN	1

Functions	
Built-in Speakers	15W*2
Power Input	1
Power Switch	1
Video Decoding Format	MPEG1, MPEG2, MPEG4, H.264, H.265, Divx, AVS, VP9, FLV RMVB, AVI, FLV,etc
Video Audio Format	WMA, MP3, M4A, AAC, MP4, WAV
Image Format	JPEG , BMP, PNG

OPS (Optional)	
Chipset	Intel
CPU	Intel® Mobile Core TM i7/i5/i3 and Celeron® Processor
Memory	4GB/8GB/16GB
HDD	500G/1T
SSD(optional)	128G

Android		
CPU	Framework	A53
	Dominant Frequency	1.5GHz
	Cores	Quad-Core
RAM		1.5GB
ROM		8GB
OS Version		Android 6.0

Interactivity		
Technology	Capacitive Touch	
Glass	4mm Tempered Glass	
Glass Transmittance	>92%	
Physical Resolution	32768*32768	
Response Rate	10ms	
Positioning Accuracy	More than 90% of Touch Area:±2mm	
Input Way	Finger, Capacitive Pen	
Touch point	10 point touch	
Clicking Times	Unlimited	
Minimum Object Size (mm)	1mm	
Minimum Touch Point Detect	1mm	
Light Resistance	light resistance	
Electrical Performance	Interface Type	USB Type A
	Communication	USB2.0 Full speed
	Power Supply	USB
	Voltage	DC 5.0±5%

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