MT –86 CAMERA WITH MIC MODEL		
Item	Model	MT86– MU
Panel	LCD Size Diagonal	85.60"
	LCD Brand	LG/BOE
	Panel type	IPS Ultra HD
	Backlight type	D-LED
	Panel Resolution	3840 x 2160 (pixels)
	Screen Orientation	Landscape
	Brightness	400cd/m²(min)
		450cd/m² (typ.)
	Contrast Ratio(typ)	1200:1 (typ.)
	Response Time(ms)	8ms (typ.)
	Pixel Pitch	0.4296mm*0.4296mm
	Color Gamunt (X%NTSC)	72%(typ.)
	Aspect Ratio	16:9
	Frame rate	60Hz
	View angle	178°(H) / 178°(V)
	Life Time	50,000 hrs (min.)
	View area	1895.04mm*1065.96mm
	Display Colors	1.07B(8bit+FRC)
	Bonding technology	Tempered glass and OC gap close to 0
	Touch technology	Advanced Infra-red Touch frame
	Touch mode	TA0
	Anti-glare AG	Standard： high transparent+ smooth +Anti-glare Optional : AG+AF+AB front glass
	Tempered Glass	Toughened Glass 3.2mm grade MoHS 7
	Touch precision	32768*32768

Touch System	Number of touch points (standard)	40 Points (Android only 20 ,which limited by the Android system ,not our touch frame technology)
	Glass Transmission	>92%
	Writing height	1.0mm
	Minimum TouchObject	Single touch ≧1.4mm Multiple touch ≧2.0mm
	Touch Accuracy	±1mm(middle 0ver 90% area)
	Response Time	≤3ms
	Output Mode	HID standard
	Touch Height	average ≤1mm ,(option 1-3mm)
	Driver	Plug and Play
	Touch tool	Finger or touch pen or other solid(soft tip) object
	Theory Clicks	Unlimited
	Windows 10/8/7,Android	Multiple touch 40 (Actual touch points depend on the system and software)
	Windows XP ,Linux ,Mac OSX ,Chrome	Single Touch Apple computers can support muiteple points after downloading the UPDD driver ,we can offer free)
	Support Pen protocol 2.0	Windows Whiteboard 2.0 support thick and thin pens Automatic identification
	Recognition level of thick and thinpens - Android	4 Grades :3mm/8mm/ 12mm fine eraser /25mm eraser
Touch Frame Electrical Characteristics	Support Dual USBoutput ports Plugand Play	USB2.0+USB2.0
	Communicationtype	USB2.0 Full speed
	Power supply	USB power
	Voltage	DC+5V±5％
	Power Consumption	≤2W
	Light resistance	Available

	Static Level	EN 6100-4-2 2008: 3 Level, Air discharge 8KV
Mother board	Solution	A311D2 K81A
	CPU	Architecture ARM CortexA73*4+A53*4 （Quad core A73+ Quad core A53）
		Core： Cortex A73*4+A53*4 , total 8 core 4 A73(Quad core A73)+4 A53(Quad core A53)
		Core： OCTA Core A53
	GPU	MaliG52 MP8
	RAM/ROM	RAM:4GB/8GB can up to 8GB LPDDR4X ROM：32GB (Standard), 64GB (optional),128G(optional) (8GB/128GB)
	OS	Android 14
Support operating system	Built-in system	Android
	OPS system	Windows 7/8/10/11
Compatible system	**Compatible system**	Windows 7/8/10/11 ,XP ,Linux,MAC OSX, Chrom (Apple computers can support mulitiple points aft er downloading the UPDD deiver)
Wi-Fi 6 **Wi-Fi 6**	Main Chipset	AP6275P solution: Intel(R) Wi-Fi 6 Ax201 160Mhz: PICE protocol To as WiFI and Hotspot simultaneously
	Operating Frequency	Dual band 2.4GHz/5GHz
	Wi Fi Standard	802.11 a/b/g/n/ac
	Bluetooth	5.0

SD card Slot Available	SD card	64GB/128GB
Audio Output Power	Standard	Speaker:8Ω /16W*2:200Hz - 20kHz
	Optional - subwoofer	Speaker change to be Speaker+ subwoofer: Speaker : 200Hz - 20kHz , Subwoofer : 20Hz - 200Hz
	Compatible version& size	Compatible with Intel13 generation high performance OPS: Compatible size:180mm*119mm*30mm: 180mm*195mm*30mm:180mm*195mm*42mm:180mm*220mm*30mm:
NFC Module	Standard	ISO/IEC 14443 A/ISO/IEC 14443 B
	Support card type - NFC	MIFARE Felica
	Read-write distance	<30mm
	Read/write speed	106 TO 424kbps
	Read and Write latency	<100ms
	Multi-account log in	Support different ID NFC card to scan to log into the account directly.
Camera	Pixel	48 Mega pixels
	FOV	Diagonal 114.9°
	Face tracking	support
	Image Resolution (Array Size)	MJPG: 3840x2160(30fps) 1920x1080(30fps) 1280x720(30fps)
Array Mic	Array quantity	8-mic
	Pick up Area	10m (180°)
	3D 3D noise reduction	Support
	AEC	Support
	AGC	Support
	AI noise reduction ,reverberation suppression	Support
	Speech enhancement	Support
	Sensitivity	— 35(dB,dBFS@1kHz 1Pa

Special Features	Versatile Annotate	Yes (all pages)
	Gesture Eraser	Yes
	Radix-MDM Apk VISO	Yes
	Smart Writing App S-Write	Yes(support import video ,broswer ,PDF)(many tools) 30ms response time
	Thin/Thick pen auto recognition	Yes
	QR code share	Yes
	File Manager	Yes
	Wall paper	Yes
	Welcome page	Yes (support Adding music)
	Countdown	Yes
	Stopwatch	Yes
	Calculator	Yes
	Vote	Yes
	Screen capture	Yes
	Shot （screen recording)	Yes
	Eye-Protective	Yes
	Touch lock	Yes
	Touch voice	Yes
	Spotlight	Yes
	Centralized control	Yes
	Double LAN bridging	Yes
	Public USB port auto switch	Yes
	Front Type-C port	PD65W+DRP Mode+USB3.0GEN1
	Anti-burn screen	Yes

	Half-screen mode	if the Student is not too tall, or a writing, card swiping function customization
	−1 & +1 screen	There are two more screens you can swipe left or right to get it.
	Multi-windows	Yes Support simulations display of different Windows: browser, s-Write, Camera, Source;
	Signal Pre-view Pro	Can pre-view signal over Android. Can zoom in and zoom out the pre-view window Can operate the application of PC via touch over Android input
	Choose Mic when do a screen recording	You can choose the audio for screen recording: a. Only record the system audio.b. Only record the audio from mic. c. Record the audio for both system audio and mic.d. Mute, no audio for screen recording.
	Change camera/Mic easily	When there are multi-cameras and mics connected to our unit, we can choose specific camera and mic separately.
	Casting for Android IOS, MAC, Windows, Chrome	Yes
	New fuction 1:AI (Developing) payable item	including AI APK in side bar and AI in s-write, AI in s-write use the Chatgpt (use need pay)
	New fuction 2:Multi users (Developing) file:	support creat administrator ,users and visitors, each account have their owner system ,like using habit ,history record. suggest to take at least 8G /128G developing this function on A311D2/RK3576,RK3588,MT9679 Android 14 board.
	New fuction 3:Multi account (Developing)	like you log in one account in s-write , then can log in other account simultaneously like One-drive , G-drive .... then no need log in each account with pass word every time .
Language	OSD Standard	English
Front Frame Port	Follow-USB 3.0 Android &Windows	Version: USB3.0 Interface: Type-A (Follow Android&OS)
	Type-C	Standard :PD65W+full function Full function TYPE-C DRP including below：UFP：support PD 65W+video/audio transfer+touch /followed USB2.0； DFP：support TYPEC U disk function .

Down Side port (Android)	AUDIO IN	*1
	VGA IN	*1
	LAN IN/OUT	*2
	RS232 IN	*1
	MIC IN	*1
	HDMI OUT	*1
	AUDIO OUT	*1
	SPDIF	*2
Right Side Port (Android)	Touch-USB	*1
	DP IN	*1
	Touch-USB	*1
	HDMI IN 1 2.0	*1
	Touch-USB	*1
	HDMI IN 2 2.0	*1
	Type-C	*1
	USB 2.0	*1
	USB 3.0	*2
Power	Voltage	100 V ~ 240 V/AC, 50/60 Hz
	Maximum (Watt) OPS	460W
	Standby (Watt)	<0.5W
	OPS Power	18V(DC)/5A
	Power(AC) Input	*1

Environment	Working Humidity	20% ~ 80% RH Non-Condensing
	Working temperature	0°C ~ 40°C
	Storage Temperature	Minus 10°C ~ 60°C
	Storage Humidity	10% ~ 80% RH Non-Condensing
	Image mode	Standard/Soft/Users/Bright
	MAX working time (Hour/Day）	MAX working time (Hour/Day）
Structure	Package Size (mm) (W x D x H)	2095mm x185mm x1265mm
	Product Size (mm) (W x D x H)	Product Size (mm) (W x D x H)
	N.W	64.3±1.5Kg
	G.W with wall mount	80.2±1.5Kg
	Case Material	Aluminum/Sheet Metal
	Housing color	(Black & Blue grey /Black)
	Four even bezel (T/B/L/R)	U:35.2 mm L/R:14.9mm D:47.2mm
	VESA	4-M8 Screw hole 800*600mm
	Remote Control	*1
	Power Cord(3M)	*1
	USB Cable(3M)	*1

Accessories	HDMI Cable(3M)	*1
	Touch Pen New Nano PET one	*2
	Qualified Lable	*1
	User Manual Electronic documents	*1
	Warranty Card	*1
	Wall Mount	*1