

Introduction

MP-292 is a Portable Wi-Fi Video Phone offering superior Video and Audio communication. It is NOT only making face-to-face conversation truly accomplished, but also reduces telephone expense.

It is NOT just a Wi-Fi Videophone, Mobile TV/ Portable Navigation Device(PND)/ Portable Multimedia Player (PMP)/Mobile Internet Device (MID) are the Optional function up to customer demand..

It provides Real-Time IP VideoPhone, healthcare, learning with Long-Distance, and Multi-Language are the major application.

By providing high resolution 16:9 5" TFT-LCD display and sensitive camera module, shows high-quality GUI with friendly Soft keys.



Features

- Home Security:
Videophone could be used as the home surveillance device to monitor home security real-time, automatically video/image capture, automatically call out to designated phone number by alerting..etc.
- All-In-One Video Phone
It is NOT just a Wi-Fi Videophone, Mobile TV/ Portable Navigation Device(PND)/ Portable Multimedia Player (PMP)/Mobile Internet Device (MID) are the Optional function up to customer demand..

PHYSICAL DIMENSIONS/PACKAGING

The mechanical outline for the MP-292 is described as below:--

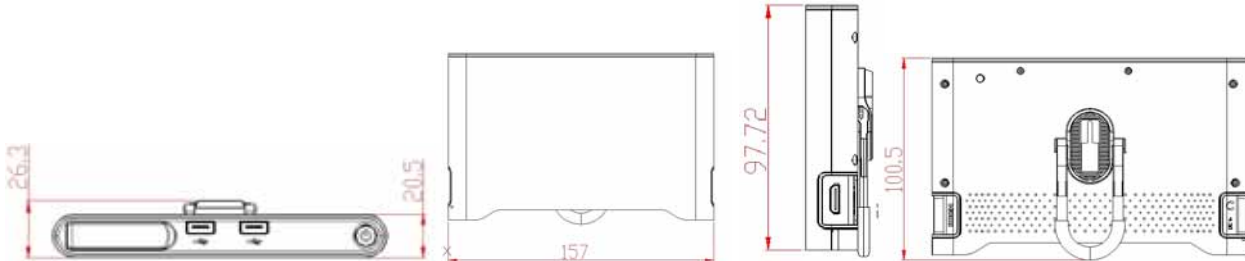


Figure-1 MP-292 (157*97.72*26.3mm) Dimension

SHOCK AND VIBRATION RESOILIENCE

All shock and vibration tests will be performed by following condition:--.

Vibration	Test Condition
Non-Operational	3G,5Hz to 500Hz, Sine Wave, 30 Minutes along X,Y,Z Axis.
Shock	
Non-Operational	30G Maximum, 1/2 Sine Wave, 11mS, 6X/6Y/6Z

Note: Above tests are executed with packaging material..

OPERATING CONDITION

. The MP-292 has to withstand the requirements (minimum) as listed in the table below.

Operating Temperature	0° to 50° Celsius
Operating Humidity	85%
Storage Temperature	-20° to 70° Celsius
Storage Humidity	85%

RELIABILITY

The MP-292 20-pcs will be tested under operating condition 50° Celsius for 1,000hrs to guarantee the function works properly.

ELECTRICAL SPECIFICATION

Voltage and Current

The operating voltage of MP-292 is provided by the Battery (138.5*50*6.6mm) with DC 3.7V 4,400mA / External Power Adapter, Input: AC100~240V, 50~60Hz, O/P: DC 5V/1.5A

- Europe
- USA

HARDWARE and SOFTWARE FEATURE LIST

Hardware Configuration :

	<ul style="list-style-type: none"> ★ Interface ★ -- Wi-Fi 802.11n, Bluetooth-Support speaker, headset, Phone Answer ★ -- 3.5G HSDPA support (Optional) ★ --FM Receiver/Transmitter ★ --USB*2 ★ --Micro SDHC Card*1 ★ --HDMI output for TV/Audio out ★ --Handfree Speaker * 2, MIC*1 ★ --USB Keyboard/Mouse support, Bluetooth Keyboard/Mouse Support ★ 3.5mm earset jack*1 ★ Navigation HW ★ --u-Blox ★ --Build-In GPS antenna*1 ★ --External antenna connection jack*1 ★ Mobile TV HW ★ --DVB-T TV reception (UHF/VHF dual band) ★ --Build-In antenna *2 ★ --External Antenna connection jack*1 ★ 2M pixel Color CMOS Camera, 30fps ★ --One 5" TFT LCD Display: 800*480 (16:9) ★ Capacitive LCD Touch Panel ★ --Handfree Speaker, Speaker Volume, PWR, CALL, HOME, MENU, BACK
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Software Configuration :

SW Features	
Operation System	ANDROID Platform
Configuration	Telnet (SSH)
Firmware Upgrade	FTP
Network Configuration	Static IP, PPPoE, DHCP, NTP
Internet Protocol	TCP/UDP/IP/RTP/DNS/ICMP/ARP
SIP	RFC 3261 Register expiration time SIP Proxy Support Outbound Proxy Support
Codec	G.711/G.726/G.729AB (Require Royalty), H.264, Codec Auto Negotiation

Video Features	2-way Video Call PIP (Picture in Picture) Video Privacy (Audio ONLY)
Features	In-band DTMF Out-of-band DTMF (RFC 2833) Call progress tone generation Acoustic Echo Cancellation Call Hold, Mute, Call Waiting, Redial, 3-way conference (Audio)
Advanced Features	Picture based Phone Book Digital Photo Frame Picture based Caller ID Display

REGULATORY BODY APPROVALS/COMPLIANCE

UMEC provides the MP-292 which is passed the test with international regulations: approval.

EMC & SAFETY

US/ Canada	EMI	FCC PART 15B
	Safety	UL/cUL
		Voice Volume Test for Ring&Communication&Keypad
CE	EMC	EN55022+EN55024+TVOut
	Safety	EN60950-1 LVD

For Additional information, please contact the following:

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