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M6Lite Specification Preview



Model		M6 Lite	
PHYSICAL CHARACTERISITICS			
Dimension		198.00mm x 70.00mm x 81.20mm 7.8 in x 2.76 in x 3.2 in	
Weight		TBD	
ENVIRONMENTAL			
Dust and Water Intrusion (Ingress Protection)		IP54	
Working temperature		-20 to +60°C	
Storage temperature		-40 to + 85°C	
Humidity		20% ~ 90%	
INTERACTION & DISPLAY			
Display	Diagonal dimension		5.0 in
	Resolution		HD, 720*1280
	PPI		293
	Type		IPS
	Touch Panel		Support
	Features	Anti-Glare Screen	
		5 points Capacitive	
		Wet fingers operation	
Glove operation			
Buttons and keyboards	Power Button		
	Emergency Button		
	PTT Button		Programmable Button P1
	Programmable Buttons		Buttons P2-P4
	Power/Volume Knob		Multifunction knob
Indication	Top-mounted LED Indicator		
	Power Indicator		
Screen protection		Multiple screen protection modes support	
HARDWARE			
Processor		1.5GHz MTK Quad-core 64 bit processor	
Memory	2G RAM		
	16GB Internal Storage		
	Storage is expandable with external 128 GB microSD™ card		
Camera		Optional	Support external UVC camera *3rd party application support required



Power Supply	DC 12-24V	
Sensor Platform	Gravity sensor	
	Distance sensor	
	Geomagnetic sensor	
	Acceleration sensor	
CONNECTIVITY (Antenna needs to be connected)		
US version Cellular Network	GSM: B2/B3/B5	
	WCDMA: B1/B2/B4/B5	
	FDD-LTE: B2/B4/B5/B7/B12/B13/B17/B28a/B28b/B66	
	TDD-LTE: B41	
INT version Cellular Network	GSM: B2/B3/B5/B8	
	WCDMA: B1/B2/B5/B8	
	TD-SCDMA: B43/ B39	
	FDD-LTE: B1/B3/B5/B7/B8/B20/B28a/B2b	
	TDD-LTE: B38/B39/B40/B41	
	CDMA2000 1X/EVDO BCO	
LTE category	Upload	5
	Download	4
VoLTE, ViLTE & VoWiFi	Support (Should adjust SW according to each carrier, and need to provide carrier name, country and VoLTE(ViLTE) compliance table during adjustment, also if carrier has not been adjusted before by Qualcomm, then Qualcomm has big shipment quantity requirement.)	
WLAN	WiFi	IEEE 802.11 a/b/g/n, 2.4G +5G
	WiFi Hotspot	IEEE 802.11 a/b/g/n, 2.4G +5G
Bluetooth	4.0 LE	
Location	Beidou, Glonass, GPS, QZSS	
CERTIFICATIONS & REGULATORY		
US Version	CE, FCC, RoHS	
INT Version	CE, FCC, RoHS	
INTERFACE		
Interface	Dual Micro-SIM card slot	
	Micro-SD card slot	
	10Pin aviation interface	Support keyboard palm microphone, Desktop microphone, Pedal PTT, etc.
	Type-C USB 2.0	Support device debugging
	USB-A	Support UVC protocol and file transfer
	3.5mm audio interface	Support external speaker, headset & microphone
	3Pin power interface	Connection to power supply
	Antenna interfaces	Connection to antenna

PLATFORM		
Operating System	Android 8.1	
Preloaded Applications	Push-to-Talk APP (Please check with your service provider)	
MUTIMEDIA		
Dual-Micphone	Noise Cancellation	Independent Noise Cancellation chip
		Windproof
Speaker	Type	Built-in speaker
	Power	5Watt Radio grade speaker
Audio Formats (US)	Low-power, low-complexity; 7.1 surround sound EVRC, EVRC-B, EVRC-WB; G.711, G.729A, and G.729AB; GSM-FR, GSM-EFR, GSM-HR; eAMR, and BeAMR MP3; AAC; He-AAC v1, v2; Windows Media Audio 9/Pro; Dolby AC-3, eAC-3, DTS-HD M6 and DTS-HD M8. Surround sound: Dolby Digital, Dolby Atmos, DTS-HD, DTS	
Video Formats	Hardware codec: Decoder H.264 BP/MP/HP VP8 HEVC Main	Software codec: Decoder MPEG-4 SP/ASP H.263 P0 DivX 4.x,5.x,6.x Xvid VP9(Google solution)
	Encoder H.264 BP/MP/HP	Encoder MPEG-4 SP H.263 P0 VP8(Google solution)
Graphic	JPEG, PNG, BMP	
ACCESSORIES		
STANDARD ACCESSORIES	Bracket and strews	
	Power cord	
	Palm microphone	
	Antenna	
OPTIONAL ACCESSORIES	RM-31K	Remote Micwith Keyboard
	TE-SDC64	Power cable with shutdown delay
	TE-PP	Desktop Mic
ACCESSORIES	TE-DM	Pedal PTT
	TVS-ES150A	15Watt External Speaker
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