



# MeiG Smart SLM756 Module

Multi-Mode LTE Smart Module

MeiG Smart SLM756 smart module, based on Qualcomm platform of MSM8909, is a new generation of LTE intelligent communication module. It supports multi-modes of network connectivity including TD-LTE/FDD-LTE/WCDMA/TD-SCDMA/EVDO/CDMA/GSM and supports multi-modes of satellite signals from GPS/Glonass/BeiDou for positioning. SLM756 has a memory spec of 8GM+1GB with built-in Android OS. It is integrated with a high-performance GPU-Adreno 304 and features encoding and decoding of various videos and audios, supports 720P video, has a rich set of interfaces for video and audio and abundant GPIO ports.

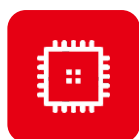
SLM756 not only provides high-speed access of broadband data, but also has the functionalities of voice, texts, address books, wifi, bluetooth and GPS. This module is applicable in a wide range of applications, such as video monitoring, security, vehicle equipment, smart hand-held terminals etc.

## Main Advantage:

- Support 2.4G& 5G WiFi
- Support Cat.4 FDD&TDD, MAX DL 150Mbps
- LGA+LCC
- Support 1280\*720@60fps Display
- Support Dual-MIPI CAMERA
- Support 1080p@30fps decode and 720p@30fps encode



Qualcomm  
4\*cortexA7 1.1Ghz



Adreno™  
GPU A304



Android 7.1



Cat.4 FDD  
DL:150Mbps  
UL:50Mbps



2.4G+5G WiFi



LGA+LCC

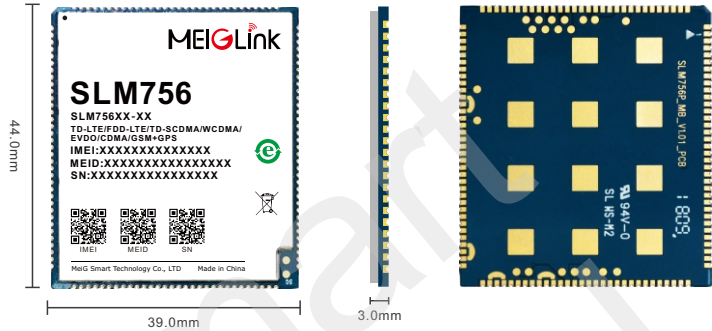
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## General features:

- OS : Android 7.1
- Storage: 8GB eMMC+1GB LPDDR3 (default)
- Operating Temp: -25°C ~ +75°C
- Size : 44.0x39.0x3.0mm
- Package: LCC+LGA 130PIN
- Weight: 10g
- Certification:CCC/CE/FCC/BQB



## Outstanding features:

- WLAN: IEEE 802.11a/b/g/n 2.4G&5G
- BT: BT2.1+EDR/3.0/4.1
- GNSS: GPS/GLONASS/BeiDou

## Interface:

- LCM: HD (720p) ,4-lane,DSI
- Camera: Support 8MP primary;2+1 lane CSI or 4-lane CSI
- Analog Audio: Speaker, Receiver, Ear phone, mic\*3,
- USB: USB 2.0\*1,Support USB OTG
- I2C:x4
- (U)SIM:x2 (1.8V/2.95V)
- UART:x2
- SD Card:x1 (Support SD 3.0, 4-bit SDIO)
- PWRKEY:1.8V , Internal pull-up
- SPI:x1 (master only)
- ADC:x2
- GPIO:x17
- Motor drive: x1
- Antenna: LTE,DIV,GNSS,Wi-Fi & BT

## Audio & Video:

- Supports low-power MP3 & AAC  
Dolby Digital enhancement technology and DTS-HD surround sound  
Video codec:Encode 720p@30fps; 1080p@30fps decode

## Band(MHz):

### China

#### SLM756PC

LTE-FDD:B1/3/5/8  
LTE-TDD:B38/39/40/41  
TDSCDMA:B34/39  
WCDMA:B1/5/8  
CDMA 1X/EVDO:BC0  
GSM:B3/5/8

### America SLM756PN

LTE-FDD:B2/4/5/7/12/13/17  
WCDMA:B2/4/5

### Europe SLM756PE

LTE-FDD:B1/3/5/7/8/20  
LTE-TDD:B38/40/41  
WCDMA:B1/5/8  
GSM:B3/5/8

### Latin America SLM756PL

LTE-FDD:B1/3/5/7/8/28  
LTE-TDD:B40  
WCDMA:B1/2/5/8  
GSM:B2/3/5/8

### Japan

#### SLM756PJ

FDD-LTE: B1/3/8/18/19/26  
TDD-LTE: B41  
WCDMA: B1/5/6/8/19

