

FX095 series Module

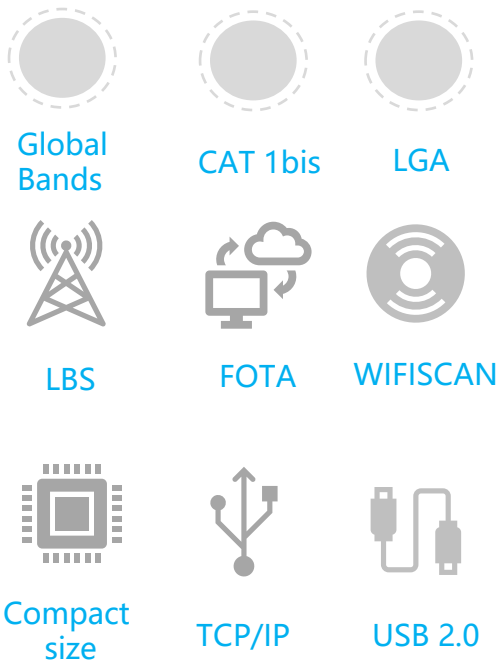
LTE Cat 1bis Module



Product Description

FX095 series is the LTE Cat 1bis module which supports wireless communication modes of LTE-FDD and LTE-TDD based on the latest XY4100LC-G chipset. It provides data connectivity on LTE networks. It also supports maximum 10Mbps downlink rate and 5Mbps uplink rate.

FX095 series module is designed with 102 LGA pins for connection to various cellular application platforms. It integrates abundant industrial standard interface with powerful expansibility, such as UART, USB, I2C and GPIO, which makes it perfectly suitable for main IOT applications such as telematics, POS, IPC, cloud horn, metering, industrial routers, and remote diagnostics ect.



Key Benefits

- ✓ Compact size with abundant interfaces
- ✓ Abundant software functions: FOTA, SSL, LBS*
- ✓ Support Wi-Fi Scan

Product		FX095-G1
Form Factor		LGA
Dimensions(mm)		23.6x19.9x2.2
Regions		Global
Power Supply		3.4V – 4.5V
Frequency Bands	LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66
	LTE-TDD	B34/B38/B39/B40/B41
Operation Temperature		-35°C to +75°C
Extended Operation Temperature		-40°C to +80°C
Software Features		
Protocol		TCPIP/IPV4/IPV6// Multi-PDP/FTP/FTPS/HTTP/HTTPS/DNS/MQTT
TLS		support
File System		support
FOTA		support
WIFISCAN		support
LBS		optional
Android RIL		Android 5.0/6.0/7.0/8.0/9.0
USB Driver		Microsoft windows 7/8/10/11 Linux/Android
WWAN (RNDIS)		support
VoLTE		NA
ECM		support
Embedded AT		support
Firmware Upgrade		USB/FOTA
Interfaces		
SIM Card		support
UART		support
USB		support
ADC		support
PCM		support
GPIO		support
I2C		support