

# Femtocell

Innovation for a Smarter Tomorrow

## Product Highlights

Qualcomm 사의 최신 Chipset 인 T62 5G 전용 모듈(SDX62)을 이용한 외장형 모뎀

차세대 플랫폼을 갖춘 가장 진보된 5G NR 모뎀

5G 상용망 n78 & 5G 특화망 n79 지원

RJ-45 for LAN, 산업용 통신 RS232 / RS485 Port 지원

적용 대상 : Robot / Smart Factory / CCTV 등  
각 환경에 맞는 Network 연결 지원



## 5G External Modem (FEM-5G100M)

Feature		Status	Remark
Data Communications	Modem	Qualcomm 5G Modem Based	Thundercomm TurboX T62G-EA SOM
	Frequency	n78 3.5GHz(100MHz Bandwidth) n79 4.7GHz(100MHz Bandwidth)	4G LTE : B1 / B3 / B5/ B7/ B8
	Data Rate	5G NR: 3.5Gbps DL 4X4MIMO 1.1Gbps UL 2X2MIMO	4G: DL 1.2Gbps(B1+B3+B8) UL 150Mbps(B1+B3, B1+B8, B3+B8)
	DSP	Qualcomm® Hexagon™ DSP processor at up to 1.5 GHz	
Specified Hardware	Ethernet Controller	PCIe to Ethernet Controller	Supports 1000BASE-T
Host Interface	LAN	1 Port	1x Gigabit Ethernet
	Multi I/F	1x RS232	Terminal Block x6pin
		1x RS485	
	Debug	1 Port	USB-C
	Antenna	Internal Antenna	8x internal antenna
		External Antenna (Opt.)	1x SMA type antenna
	LED Indicators	PWR,5G/4G,N79,LAN	Dual Colored
	USIM Slot	1 EA	Micro-USIM
Dimensions	Size(mm)	120x90x25	
	Weight(g)	TBD	
Power	Power	DC Input 12V/2.0A	Industrial 2P Locking Type
Environmental	Operating Temp.	-20 ~ +60 °C	
	Storage Temp.	-40 ~ +85 °C	
	Humidity	30 ~ 95 %	Relative Humidity, Non-condensing