

Sierra Wireless AirPrime® Embedded Wireless Modules DTM Series

Easy integration and high speed connectivity for M2M devices

The AirPrime® DTM Series of embedded modules deliver high-speed 4G LTE connectivity with a wide selection of advanced bands certified for Korean networks. Delivered in a 30x40x5mm package, these connectorized modules enable simple integration into any commercial-grade M2M device and an easy upgrade path to new network technologies.

AirPrime DTM Series are commercial-grade modules designed specifically to suit M2M customers.

Sierra Wireless has a proven track record of successfully delivering 4G wireless solutions to markets such as automotive, networking and consumer.

AIRPRIME DTM970/DTM971

These modules support LTE bands B5 (800MHz) and B1 (2100MHz) over the LGU+ Korean network with data speeds up to 100Mbps downlink and 50Mbps uplink.

In addition, AirPrime DTM971 offers VoLTE for new services and features such as enhanced voice and video communications.

AIRPRIME DTM980

This module supports LTE B3(1800MHz), WCMA B1(2100MHz), as well as HSUPA bands over the KT Korean network with data speeds up to 100Mbps downlink and 50Mbps uplink.



KEY BENEFITS

- High-speed cellular connectivity with the latest technologies
- Reliable, essential M2M connectivity and proven firmware certified on Korean networks
- Easy to integrate: connectorized form factor

Essential



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	DTM970	DTM971	DTM980
FOOTPRINT			
	60pin connectorized	60pin connectorized	60pin connectorized
AIR INTERFACE			
	LTE	LTE	WCDMA/HSDPA/HSUPA/LTE
FREQUENCY BANDS			
LTE	850/2100	850/2100/2600	1800
HSPA+			2100
APPROVALS			
Regulatory	KCC	KCC	KCC
Carrier	LGU+	LGU+	KT
CURRENT CONSUMPTION			
Power Supply for Extended Battery Life	No	No	No
Alarm (leakage only)	1µA	TBD	1µA
Standby and Idle (Sleep)	Doesn't support sleep mode	Doesn't support sleep mode	Doesn't support sleep mode
HSPA max			500mA
LTE max	700mA	700mA	700mA
AUDIO			
Analog Audio		✓	
Digital Audio		✓	
Codec		AMR	
Echo Cancellation & Noise Reduction		✓	
DTMF		✓	
INTERFACES			
UART	✓ 7 lines (Excluded DSR)	✓ 8 lines	✓ 7 lines (Excluded DSR)
USB	✓	✓	✓
ADC	0	1	0
GPIO	6	1	6
Tx Burst Indicator	✓	✓	✓
SIM interface 1.8V/3V	1 SIM	1 SIM	1 SIM
DRIVERS			
	USB drivers for Win7, Win XP	USB drivers for Win7, Win XP	USB drivers for Win7, Win XP
DEVICE DIMENSIONS			
	30x40x5 mm	28x39x4.9 mm	30x40x5 mm
TEMPERATURE RANGE			
	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C

About Sierra Wireless

Sierra Wireless is the global leader in machine-to-machine (M2M) devices and cloud services, delivering intelligent wireless solutions that simplify the connected world. Our solutions are **simple**, **scalable**, and **secure**, and enable customers to get their connected products and services to market faster.

For further company and product information, please visit www.sierrawireless.com.