HONEYWELL
CLOUDLINK
5G MODEM

Designed for battery-powered applications and hazardous conditions.

BRIEF INFORMATION

The Honeywell CloudLink 5G Modem is a multi-band CAT M1 cellular device intended to process serial data from any source, including a Honeywell/ Mercury Instruments Product Lines. Designed for low-power applications with a temp rating of -40 to 158 F, the CloudLink 5G Modem is a full-featured, easy-to-configure and install cellular modem. In sleep mode, the modem consumes less power than any modem available, allowing you to work longer on lithium batteries or rechargeable solar power applications.

Ultra-low power consumption is made possible by efficiently using the power-saving mode (PSM). See your Honeywell/Mercury Channel Partner to understand the battery life of your specific applications.

This modem is configurable using the same MasterLink software that configures other Honeywell/Mercury Products. The CloudLink 5G Modem is easily retrofitted and designed to be directly mounted onto the main board of 350 series products.

Figure 1: CloudLink 5G Modem
– CSA Class I Division 1 & Class I Division 2, IECEx Zone 0 & Zone 2 approved

HIGHLIGHTS

- For 4G and 5G Applications

- Class 1 Div 1

- Class 1 Div 2 CSA Certified

- Ultra-Low Power Consumption

- Transparent Modem

- Configured through MasterLink

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CloudLink 5G Modem Technical Specifications

PARAMETER	DESCRIPTION
Wireless Specifications	**LTE Bands Supported** **CAT M1[1]:** B1,B2,B3,B4,B5,B8,B12,B13,B14,B17,B18,B19,B20,B25,B26,B28,B66 **NB-IoT (Cat-NB1/NB2)[2]:** B1,B2,B3,B4,B5,B8,B12,B13,B17,B19,B20,B25,B26,B28,B66
Environmental Conditions	**Temperature:** -40°C to +70°C (-40°F to +158°F) **Humidity:** 0%-95% RH, non-condensing
Power Supply Options	**Battery connector:** • 7.2Vdc nominal, 6Vdc min / 7.8Vdc maximum • 0.8A peak **External power supply:** • 5Vdc min. / 15Vdc max. • 0.8A peak, 0.23A average
Input/Outputs/Interfaces	• Supports eSIM and uSIM. • uSIM size is 4FF • Separate tamper detection input from digital input • Dedicated Configuration Port
Dimensions	**88.6 mm x 68 mm x 1.6 mm** **3.488 in x 2.677 in x 0.062 in**

Certifications	• Verizon
	• AT&T
	• PTCRB
	• T-Mobile
	• Additional Carrier Certifications Pending
	• NAMODEL Certification with CSA:
	  • Ex ia IIB Ga
	    • Class I Zone 0, AEx ia IIB Ga
	    • Class I Division 1, Group C, D
	  • Ex ec [ic Gc] IIB Gc
	    • Class I Zone 2, AEx ec [ic Gc] IIB Gc
	    • Class I Division 2 Group C, D with non-incendive field wiring connections
	• IECEx Zone 0 (Ex ia IIB Ga)
	• IECEx Zone 2 (Ex ec [ic Gc] IIB Gc)
	• FCC

Security	**Transport Layer Security (TLS) v1.2[3]**

[1]Although the CloudLink 5G supports all CAT M1 bands as mentioned above, Honeywell has qualified only the B2, B4, B12, and B13 for North America region.

[2]Although the CloudLink 5G supports all NB-IoT (Cat-NB1/NB2) bands as mentioned above, Honeywell has qualified only the B3, B8, and B20 for European region

[3]TLS Certificates pre-loaded for use if needed

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