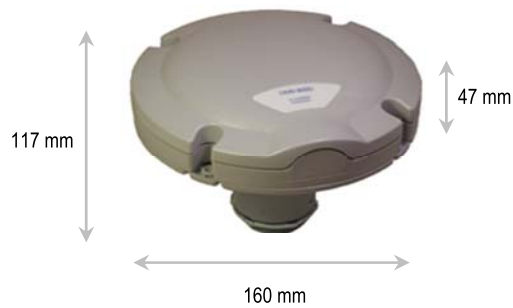


# DMR-800D C1D2

Satellite Communication Terminal



**DMR-800D Class 1 Division 2**

Combining reliable satellite coverage, GPS information and local control interfaces, the DMR-800D Class 1 Division 2 (C1D2) is ideal for monitoring and controlling fixed, portable or mobile assets in hazardous locations around the world.

## SATELLITE COMMUNICATION

Satellite Service	Two-way, IsatM2M
Coverage	Global
From-Mobile Message	Up to 192 bytes
To-Mobile Message	4 alert codes/up to 100 bytes

Typical Latency	<30 seconds
Elevation Angle	0° to +90°

Frequency	Rx:1525.0 to 1559.0 MHz Tx:1626.5 to 1660.5 MHz
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EIRP	9 dBW max
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## GPS

Acquisition Time	Cold-start: 34 s SuperSense <sup>®</sup> : -148 dBm
Accuracy	3 m CEP; 5 m SEP

## EXTERNAL INTERFACES

Inputs/Outputs	2 – Analog or digital in/out
Serial	1 – RS232: console interface 1 – RS485: MODBUS interface

## ELECTRICAL

Input Voltage	9 to 32 VDC
Power Consumption (Typical @ 12VDC, 22°C)	Transmit: 10.5 W Tracking (GPS on): 1.0 W Hibernate: 0.24 mW

## PROGRAMMING

Script Logic	128 actions, 64 alarms, 64 timers, 32 data transformers
Data Log	320 KB, up to 17,200 positions
Geofencing	128 polygons

## ENVIRONMENTAL

Operating Temperature	-40°C to +75°C
Storage Temperature	-40°C to +75°C
Dust & Water Ingress	IP67/NEMA-4X

## CERTIFICATION

Satellite	Inmarsat Type Approved
Regulatory	FCC; RoHS; CE Mark (R&TTE); Anatel ANSI/ISA-12.12.01-2007; CAN/CSA C22.2 No.142,213; UL916; UL50

## ORDERING CODES

SM200287-4LG	DMR-800D C1D2 (bottom)
SM200268	Evaluation Flex-Kit: Cables for DMR/SureLinX, airtime, and support. Order any terminal separately.

IsatData Pro is a trade mark of Inmarsat and is a service delivered by SkyWave Mobile Communications through the Inmarsat network.

## HOW TO BUY

SkyWave mobile devices and satellite airtime services are available through a network of Solution Providers who offer turnkey solutions and industry expertise. Visit us at [SkyWave.com](http://SkyWave.com) to learn more.

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