

**NEW**

# THE WORLD'S SMALLEST, LIGHTEST & SMARTEST SATCOM SYSTEM\*

**DZMx**



**\*IT'S ALSO THE TOUGHEST!**

DZMx is built to MILSPEC and DO160G, and designed to withstand extremes of temperature, vibration and impact. Housed in a super strong extruded alloy case, with minimal wiring, it's fast and easy to install. Incredibly, DZMx weighs only 1.4lbs (650g)! NVIS A&B compliant.

**DZMx IS THE ONLY ALL-IN-ONE IRIDIUM & CELLULAR  
SOLUTION FOR VOICE, DATA & GPS TRACKING.**

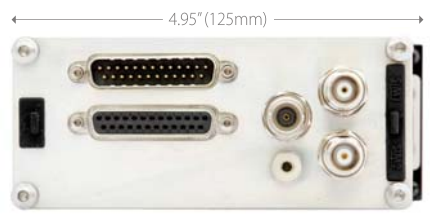

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**Flightcell<sup>®</sup>**

*ALWAYS CONNECTED.*

# MORE FEATURES THAN EVER BEFORE



<b>DESIGN FEATURES</b> <b>DZMx is the world's only all-in-one satellite and cellular voice, data and tracking system.</b> All electronics are installed in one compact, panel mounted control head – no additional hardware to go in the avionics bay, and minimal wiring means substantial savings on installation costs.		<b>The world's smallest satcom system.</b> DZMx measures only: <ul style="list-style-type: none"> <li>• 4.95" (125mm) wide</li> <li>• 2.18" (55mm) high</li> <li>• 4.72" (120mm) deep.</li> </ul>	<b>Flexible configuration.</b> Select from multiple (3) modem configurations: <ul style="list-style-type: none"> <li>• Built-in sat or cell only</li> <li>• Built-in sat &amp; 3G cell</li> <li>• Built-in sat &amp; sat</li> <li>• Built-in 3G cell &amp; 3G cell</li> <li>• Plus external sat or cell.</li> </ul>	<b>The world's lightest satcom system.</b> We know every ounce matters, so we've slashed the weight by 48%. DZMx weighs only 1.4lbs (650g)!	<b>The world's toughest satcom system.</b> Built to MILSPEC and DO160G certified (Sections 4-8,15-21,25) Super strong machined alloy faceplate and extruded alloy housing.
<b>Environmentally sealed for long life.</b> Designed to withstand extremes of temperature, humidity, salt fog, water, sand and dust. <ul style="list-style-type: none"> <li>• IP53</li> <li>• NEMA 3</li> </ul>	<b>User-friendly interface design.</b> Familiar phone layout and easy to use LCD menu operation. Soft touch, backlit convex silicone keys with miskey prevention	<b>Night vision goggle compliant.</b> Backlit keypad and LCD display are NVIS A (MIL3009) and NVIS B compliant.	<b>External sim card access.</b> Easy, external access to sim card slots to change your satellite or cellular network providers.	<b>Optional remote control head</b> Allows full operational functionality from multiple, remote locations on-board the aircraft.	<b>Management software included</b> Ships with 'DZM Manager' software that enables easy firmware upgrades and setup of your voice, tracking and data. Save user settings.
<b>GLOBAL VOICE</b> <b>DZMx is the world's only all-in-one satellite and cellular phone system, providing crystal clear voice communications via Iridium satellite and 3G cellular networks, so you're always connected.</b>		<b>Satellite and cellular voice calls.</b> Full global coverage via Iridium satellite and low cost cellular option when in range.	<b>Simultaneous voice calling.</b> Two internal modems allow custom setups for network flexibility and the ability to make two phone calls at the same time.	<b>Crystal clear audio.</b> DZMx is a full digital audio system (input/output) for optimal sound quality and clarity when you need it most.	<b>Audio optimisation.</b> Fully adjustable audio input and output levels Set volume to and from audio system/ICS and save and restore your optimised settings using DZM Manager.
<b>Standard phone keypad layout.</b> DZMx is the only satcom system that uses the standard and familiar phone keypad layout.	<b>Built-in 100 number phonebook.</b> All your contacts are accessible from the built-in phonebook. Easily manage your contacts using DZM management software.	<b>Cabin phone options.</b> Multiple cabin phone connections using POTS 2 wire & ethernet, two voice channels for two calls at the same time, private calling and cabin to cockpit intercom.	<b>Aircraft audio connections.</b> DZMx provides two independent aircraft audio connections.	<b>Voice encryption module.</b> Optional built-in AES-256 bit voice and data encryption system for the Iridium network. <ul style="list-style-type: none"> <li>• Ground station options also available.</li> </ul>	<b>Connectivity.</b> Connect your devices via multiple interface and protocol options: <ul style="list-style-type: none"> <li>• D25: Serial RS232, RS432, RS485, ARINC 429, Ethernet, USB.</li> <li>• USB port connector.</li> </ul>
<b>GLOBAL DATA</b> <b>DZMx connects your aircraft to the world via the Iridium satellite narrowband and 3G broadband networks.</b> Keep in touch wherever you are with full global messaging capability via your connected device.		<b>Messaging.</b> 2 way SMS text messaging via internal sat and cell modems. Short Burst Data via built-in Iridium. Full email and internet via built-in 3G broadband.	<b>Canned messaging.</b> Quickly send pre-loaded messages direct from your DZMx to cellphone, satphone or map. <ul style="list-style-type: none"> <li>• 255 canned messages.</li> <li>• Choose your preferred network / protocol.</li> </ul>	 <p>DZMx rear view showing multiple connection options.</p>  <p>DZMx side view.</p>	
<b>Flight Data Management.</b> DZMx connects to FDM systems to send and receive application specific data. Multiple input and protocol options available.	<b>FDM applications.</b> <ul style="list-style-type: none"> <li>• Record and transmit fire bucket sensor data.</li> <li>• Agriculture crop dusting management.</li> <li>• Electronic flight bag.</li> <li>• Talk to us about your needs eg. Medevac.</li> </ul>	<b>Sensor inputs and outputs.</b> Four configurable sensor inputs (analog/digital). Two digital outputs.	<b>Data encryption.</b> Flightcell offers the world's only commercial AES-256 bit voice and data encryption system for the Iridium network. Encrypts position and location data.		
<b>GPS TRACKING</b> <b>DZMx is the only system that offers dual network, uninterrupted GPS tracking via both satellite and cellular networks to significantly reduce your tracking costs.</b>		<b>Trupath™ tracking for greater accuracy.</b> DZMx bundles multiple GPS positions during each transmission providing more accurate and comprehensive path mapping.	<b>Choose your own mapping provider.</b> DZMx's open recipient data feed is supported by multiple tracking providers - you're not locked into one airtime and tracking provider.	<b>Lower tracking costs.</b> Uninterrupted GPS tracking via both sat and cell to significantly reduce tracking costs. <ul style="list-style-type: none"> <li>• 3G or SMS (default)</li> <li>• SBD Iridium satellite</li> <li>• SMS Iridium satellite</li> </ul>	<b>Event driven tracking.</b> User-configurable intelligent tracking features to provide additional flight data: <ul style="list-style-type: none"> <li>• Engine start/stop</li> <li>• Take off and landing</li> <li>• Point of interest etc</li> </ul>
<b>3G Broadband continuous tracking</b> Optional continuous (one position per second) tracking over the 3G network. <ul style="list-style-type: none"> <li>• Uses 3G Broadband TCP/IP for lower cost.</li> </ul>	<b>One button distress signal.</b> Sends maximum frequency emergency distress messages with GPS position.	<b>Automated Rescue Monitoring (ARM).</b> One key sends a request to your tracking provider for automated SAR monitoring. Get notified if tracking is unexpectedly interrupted.	<b>AFF compliant tracking.</b> US Department of the Interior Forest Service AFF compliant.	<b>Mark point of interest.</b> Convenient one key activation to manually mark your GPS position. Send optional canned message with GPS position.	<b>Easy configuration setup.</b> <ul style="list-style-type: none"> <li>• Onscreen via DZMx keypad, or remotely via connected device using DZM Manager.</li> <li>• Remotely via Iridium network (coming).</li> </ul>