

Small Deployable Antennas & Terminals for Disaster Relief



Wide range of sizes and configurations
to fit any application

Mobile, lightweight and compact for
easy transportation

Quick and easy installation and setup
– Basic or no tools required

Provides high bandwidth connection capable
of high speed data transmission

Ruggedized and weatherproof to withstand
harsh outdoor conditions

Easy-to-use and deploy

Overview

In the aftermath of a natural disaster establishing reliable communications is critical. Communications connect local governments, first responders and relief workers and enable them to coordinate logistics and key resources vital to rescue and recovery efforts. They provide hope to family and friends by allowing them to connect with loved ones. However terrestrial wireless equipment such as cell phones is only useful when ground-based infrastructure is in place. Often times during a natural disaster, critical infrastructure such as power lines and telecommunications towers are destroyed, leaving wireless devices useless. Since satellite networks are not dependent on terrestrial infrastructure, they can be quickly deployed to establish immediate and critical access to wireless communications in areas affected by disaster. General Dynamics SATCOM Technologies offers a wide range of manual and automated antennas and terminals, available in a variety of configurations to quickly restore communications.

Small Deployable Antennas & Terminals for Disaster Relief

**Series 1132
Fixed VSAT Antenna**



**Model 1138
Quick Deploy VSAT Antenna**



**ManPak® T C100FM/FA
Flyaway Terminal**



**uPak® C060QDA
Quick Deploy Terminal**



Description	Low cost, standard VSAT antenna packaged with a small NPM that can be quickly deployed and setup	Quick deploy antenna system with 2-piece reflector and tripod	Flyaway terminal that features simple manual or automated satellite acquisition	Fully automated quick deploy terminal that provides a high bandwidth connection with the push of a button
Reflector	1-piece 1.2m Reflector .8 f/d (Optional 2 pc reflector at a premium)	2-piece 1.2m Reflector .8 f/d	1.0m 6-piece reflector	Quick deploy 60cm reflector
Installation	Fixed	Quick deploy	Quick deploy	Quick deploy
Deploy Time	1 person < 2 hrs	1 person 30 min	<10 min	<5 min
Assembly	Assembly with provided hardware and basic tools	Captive hardware with no tools required	Quick connect with no tools required	Snap-and-go
Positioning	Manual	Quick adjust positioner	Manual or motorized positioner	Automatic positioner w/ GPS
Shipping	Standard commercial packaging	Hard cases included	Three transit cases, commercial airline checkable	Single transit case, commercial airline checkable
Price Range	<\$500	<\$15,000	<\$30,000	<\$50,000
Mount	Non-penetrating mount	Tripod	Tripod	Integral case
Band	Ku Band RxTx	Ku Band RxTx	Ku Band RxTx	Ku Band RxTx
Feed	Ku Band RxTx X-Pol	Ku Band RxTx X-Pol	Ku-Band RxTx X-Pol (Manual or Motorized)	Ku-band RxTx X-Pol (motorized)
PN	1132-2110	1138-111-2/0800-4079	F100SF-K1-00-P1 F100PF-K1-S5-P1	Q060-PF-K1-S5-P1
Dimensions	Reflector: 50" (L) x 6" (W) x 57" (H) Az/EL: 15" (L) x 15" (W) x 12" (H) Feed System: 62" (L) x "8" (W) x 8" (H) NPM: 51" (L) x 31" (W) x 4" (H)	Pedestal & Reflector: 48" (L) x 53" (W) x 8" (H) Feed Assembly: "19.3" (L) x 15.5" (W) x 7.5" (H)	Manual: 24.8" x 19.6" x 13.9" Motorized: 19.9" x 15" x 9"	30.5" (L) x 18.5" (W) x 13.2" (H)
Weight	Reflector: 43 lbs Az/EL: 14.5 lbs Feed System: 15 lbs NPM: 58 lbs	Pedestal & Reflector: 39 lbs Feed Assembly: 11 lbs	Motorized: 70.5 lbs Manual: 76 lbs	50.7 lbs
Availability	14 Days after order	45 Days after order	90 Days after order	120 Days after order

GENERAL DYNAMICS
SATCOM Technologies

customer care@gd-ms.com • gdmissionsystems.com/satcom
Phone: +1-770-689-2040

©2018 General Dynamics. All rights reserved. General Dynamics reserves the right to make changes in its products and specifications at anytime and without notice. All trademarks indicated as such herein are trademarks of General Dynamics. All other product and service names are the property of their respective owners. © Reg. U.S. Pat. and Tm. Off.

D-SDADR-04-0218