

# 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.

# 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**



<b>Description</b>	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
<b>Reflector</b>	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
<b>Installation</b>	Fixed	Quick deploy	Quick deploy	Quick deploy
<b>Deploy Time</b>	1 person < 2 hrs	1 person 30 min	<10 min	<5 min
<b>Assembly</b>	Assembly with provided hardware and basic tools	Captive hardware with no tools required	Quick connect with no tools required	Snap-and-go
<b>Positioning</b>	Manual	Quick adjust positioner	Manual or motorized positioner	Automatic positioner w/ GPS
<b>Shipping</b>	Standard commercial packaging	Hard cases included	Three transit cases, commercial airline checkable	Single transit case, commercial airline checkable
<b>Price Range</b>	<\$500	<\$15,000	<\$30,000	<\$50,000
<b>Mount</b>	Non-penetrating mount	Tripod	Tripod	Integral case
<b>Band</b>	Ku Band RxTx	Ku Band RxTx	Ku Band RxTx	Ku Band RxTx
<b>Feed</b>	Ku Band RxTx X-Pol	Ku Band RxTx X-Pol	Ku-Band RxTx X-Pol (Manual or Motorized)	Ku-band RxTx X-Pol (motorized)
<b>PN</b>	1132-2110	1138-111-2/0800-4079	F100SF-K1-00-P1 F100PF-K1-S5-P1	Q060-PF-K1-S5-P1
<b>Dimensions</b>	<b>Reflector:</b> 50" (L) x 6" (W) x 57" (H) <b>Az/EL:</b> 15" (L) x 15" (W) x 12" (H) <b>Feed System:</b> 62" (L) x "8" (W) x 8" (H) <b>NPM:</b> 51" (L) x 31" (W) x 4" (H)	<b>Pedestal &amp; Reflector:</b> 48" (L) x 53" (W) x 8" (H) <b>Feed Assembly:</b> "19.3" (L) x 15.5" (W) x 7.5" (H)	<b>Manual:</b> 24.8" x 19.6" x 13.9" <b>Motorized:</b> 19.9" x 15" x 9"	30.5" (L) x 18.5" (W) x 13.2" (H)
<b>Weight</b>	<b>Reflector:</b> 43 lbs <b>Az/EL:</b> 14.5 lbs <b>Feed System:</b> 15 lbs <b>NPM:</b> 58 lbs	<b>Pedestal &amp; Reflector:</b> 39 lbs <b>Feed Assembly:</b> 11 lbs	<b>Motorized:</b> 70.5 lbs <b>Manual:</b> 76 lbs	50.7 lbs
<b>Availability</b>	14 Days after order	45 Days after order	90 Days after order	120 Days after order

**GENERAL DYNAMICS**  
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