



Defying Boundaries by Design™

Vehicle Mounted Terminals

Drive-Away DA120

REMOTE COMMUNICATIONS ON THE GO

When the mission takes you off the beaten path, DataPath keeps you connected. Drive in and get online in minutes, then drive out just as quickly with DataPath's SWE-DISH® Drive-Away (DA) 120m terminal, featuring Communicase® Technology (CCT).

These lightweight, fully enclosed, vehicle-mounted terminals deploy quickly, so you can transmit your voice, data or video on air in no time.

For more than two decades news crews, first responders, industrial sites, and military units all over the world have been relying on DataPath for fast, durable portable satellite terminals.



RUGGED, MILITARY GRADE SYSTEM

Our portable satellite terminals are constructed of rugged materials, built to withstand the most austere conditions. All of the components are tightly sealed to keep the elements out.

The DataPath Drive-Away terminals are rigorously tested to surpass the world's toughest environments and standards.

KEY FEATURES

- Designed for permanent or temporary installation directly on vehicle roof or on standard roof rails without any modification
- Sleek design with azimuth turntable stays fully enclosed during transport to keep drag low and speeds high
- Easy one-man operation, an intuitive GUI and fully automatic point-and-shoot antenna control
- High transmission data rate up to 20 MB/s, depending on configuration
- Highly efficient Gregorian dual offset elliptical antenna, main reflector, folding feed arm and sub reflector

Two Options Available

CCT DA120

With the same modular architecture as the CCT family of terminals, this complete quick-connect system can operate on X-, Ku- and Ka-band satellites.

CCT DA120 - ANTENNA ONLY

This terminal gives you the freedom to choose the amplifier of your choice. The antenna-only system supports integration of any Ku-band high powered amplifier (HPA) up to 400 W output, which can be integrated either inside or outside the pod.



Specifications

	CCT DA120			CCT DA120 (antenna only)
OPERATIONAL CONDITIONS	60W X-Band	50W Ku-Band	35W Ka-Band	Ku-Band
Operating temperature	-32°C to +55°C (-25°F to +131°F)			
Storage temperature	-40°C to +70°C (-40°F to +158°F)			
Operational wind speed	Up to 20 m/s (44.7 mph)		Up to 12 m/s (26.8 mph)	Up to 20 m/s (44.7 mph)
Operational altitude	Up to 3,000 m (9,850 ft)			
Sealing class	IP65			
Operating humidity	Up to 100% condensing			
Rainfall	Max 100 mm/hr (4 in/h)			
GENERAL FEATURES				
Polarization	Circular, reversible	X-pol linear, co-pol option	Circular, reversible	X-pol linear, co-pol option
Azimuth range	± 175°			
Elevation range	10° to 90°			
Weight	65 kg (142.9 lb.)	63 kg (138.9 lb)		60 Kg (132.3 lb)
Dimensions	161 x 131 x 38 cm (63.5 x 51.4 x 14.8 in) when stowed			
Certifications	SkyNET (X-band); Eutelsat type approved (EA-V057); Intelsat type approved (GVF/IA201AAA); CE Certified according to 1999/5/EC R&TTE and 2006/42/EC Machinery Directives			
PERFORMANCE				
EIRP	54.2 dBW @ P1dB	57.7 dBW @ P1B	59.0 dBW @ Pmax lin	Depends on HPA
Transmit frequency (GHz)	7.9 to 8.4	13.75 to 14.5	30.0 to 31.0	13.75 to 14.5
Receive frequency (GHz)	7.25 to 7.75	10.7 to 12.75	20.2 to 21.2	10.7 to 12.75
G/T	15.7 dB/K (typ @ midband) at 20° elevation	19.0 dB/K (typ @ midband) at 20° elevation	21.0 dB/K (typ @ midband) at 20° elevation	19.0 dB/K (typ @ midband) at 20° elevation

Specification subject to change without notice.

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DataPath, Inc.
2205 Northmont Parkway
Duluth, Georgia 30096
info@datapath.com
(866) 855-3800

DataPath International AB
Vågögatan 6, P.O. Box 1261
SE-164 29 Kista, Sweden
info@datapath.com
+46 8 728 50 00

