



Key Features

- Modular design
- Fixed or motorised antenna mounts which can be mounted onto masts, towers and roof pedestals.
- Channel monitoring capabilities
- Connect any radio to any antenna
- Radio agnostic
- Can connect up to 12 antennas and radios
- Robust SatCom Sentry 2™ software based on industry standard platform
- RF Equipped to operate in harsh environments

Pathfinder Hub

Pathfinder is SystemWare Europe's Tactical UHF Hub system. Successfully deployed around the world, the system allows the user to have maximum flexibility and reliability with premium after sales service and through life support.

Pathfinder is a modular system which is tailored to the customer's need from multiple motorised antennas to single thread, manual systems. Utilising cost effective but highly efficient equipment allowing us to offer high performance coupled with scalability and affordability.

Software Features

- Based on General Dynamics iFix platform
- Easy to use interface and user options
- 1:1 redundancy
- Remote monitoring (optional)
- Alarm logging
- Secure, multiple user logins

Motorised Positioner Features

- Marine Housing (IP67)
- Mil Spec Connectors
- Multiple colour options

Antenna Features

- High Gain
- 30° Beamwidth
- 3 Year Warranty
- Multiple antenna options for frequency and size
- Multiple mounting options

Matrix Switch Features

- 50W power handling
- Up to a 12x12 matrix available
- Low Loss
- Controlled remotely or from the front panel
- Modular internal design allowing for easy to swap modules and convenient spares to be held

**Quick to respond,
fast to deliver**



UHF Satellite Communications Pathfinder

TECHNICAL DETAILS

Antenna (details antenna dependant)	FWD Sample Att: -30dBm
Frequency Range: 240-320MHz	REV Sample Att: -30dBm
Antenna Gain: 16dBi	Connectors: N-Type
Antenna Beam-width: 30°	Impedance: 50Ω Nominal
Length: 3937mm	Communication: RS-232
Max I/P Power: 500W	
Max VSWR: 1.5	Mounts
Connectors: N-Type	Available Mounts: Non-Penetrating Pedestal, Masts, Pedestal, Motorised, Static, Manual.
Operations Temperature: -40 to 70°C	
	Optional Equipment Available
Matrix Switch	Rack mounted spectrum analysers
Frequency Range: 240-380MHz	UPS systems
Max No. Radios: 12	Software remote control
Max No. Antennas: 12	Automatic software redundancy
Power Handling: 50W per Channel	Tripods
Insertion Loss: <1.5dBm	
Connectors: N-Type	Services Available
Impedance: 50Ω Nominal	System and equipment design
Communication: RS-232	Installation, commissioning and documentation
Operations Temperature: 0 to 50°C	Maintenance and thru life support contracts
	Refurbishment and upgrades
Carrier Monitoring Unit	Equipment sales
Frequency Range: 200-350MHz	
Max No. Radios: 12	
Max No. Antennas: 12	

ORDERING INFORMATION

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