

# Smart Skymaster

## Hard Mount GPS Antenna/Receiver Combo



### Features

- 12 channels receiver
- Hard-steel with coarse tread
- Power input: 8V to 35V DC
- Operating range: -40°C to 85°C
- Power consumption: 0.9W max.
- Position accuracy: 15M or 50ft RMS

### Performance

Receiver:	12 CH/Parallel
Frequency:	1575.42MHz
Tracking Code:	C/A codes
Max. Number of Satellites Tracked:	12 satellites
Acquisition Time:	18 seconds typ. (warm start)
Position Accuracy:	15m or 50ft RMS*(DOP < 3)
Velocity Accuracy:	0.1knots RMS steady state
Update Rate:	1Hz (1 second continuous)

### Interface

Serial Communication:	RS232(standard), USB(option)
Output Format:	NMEA 0183, GPGGA, GPRMC, GPGSV, GPVTG, GPGLL, GPGSA

### Power

Input:	8V to 35V DC reverse protected
Power Consumption:	0.9W max

### Environmental

Operating Temperature:	-30°C to 75°C
Storage Temperature:	-40°C to 80°C
Humidity:	95% non-condensing

### Construction

Radome:	Polycarbonate
Body Frame:	Hard-steel with coarse tread
Mounting:	Center mount
Size:	52mm x 22mm

### Ordering Information

Part Number	Description
■ SKYMASTER-SMART	■ Hard Mount GPS Receiver/Antenna