

Enterprise 120C with **IPDINT**



Features

- 1.2m Reflector options
- Compact and Robust
- Auto-Pointing IPOINTTM Controller
- Can be Operated by Anyone
- Acquires in < 3 minutes
- Available with integrated DVB-RCS Modem
- Simple Operation Requires no Satellite Communication Expertise
- Acquires the satellite within minutes
- Completely automatic one button acquisition of required satellite
- Low cost, high performance and reliable satellite acquisition
- Ultra-Compact
- Dual Optic SMC Antenna

Overview

The **ENTERPRISE120C[™]** antennas are high quality roof mount systems. These antennas encompass the drive control, positioning hardware and amplifier into the antenna enclosure, making the system a robust standalone sub-assembly ready to install onto almost any vehicle.

The system is simple to install, set up and use. Following relocation of the antenna, the system will reliably and accurately locate and lock on to the designated traffic satellite rapidly within minutes. The IPOINT Auto Acquisition Controller uses industry standard position transducers and a sophisticated pattern recognition algorithm to confirm and refine its heading information using visible satellites. The controller is mounted on the antenna structure with a separate control panel with integral power supply and in a rack mount unit for mounting within the equipment area.

Drive-Away VSAT Antenna ENTERPRISE C-Class



Technical Specifications

Physical ENTERPRISE120 tm Antenna Width 123cm Antenna Height 127cm Geometry Offset, dual optic Reflector Material SMC Weight 80kg Range Azimuth 4t/-220° Elevation 3*.90° Polarization 4t/-95° Feed Interface WR75 Elevation 10.7t-127 GH2 Frequency Band 10.7t-127 GH2 Frequency Band 10.7t-127 GH2 Frequency Band 10.7t-127 GH2 Gain @12.5GH2 41.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @12.5GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @12.5GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @12.5GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @14.25GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @14.25GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @14.25GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @14.25GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @14.25GH2 43.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GH2 Gain @14.25GH2 Gain @15GH2 Gain @15	Technical Specifications		
Artenna Height 127cm Geometry Offset, dual optic Reflector Material SMC Weight 80kg Range	Physical	ENTERPRISE120 [™]	
Geometry Offset, dual optic Reflector Material SMC Reinge Azimuth Azimuth 4/-220° Elevation 3° - 90° Polarization 4/-98° Feed Interface WR75 Electrical Range Raceive WR75 Polarization Linear Frequency Band 10.7-12.75 GHz Gain @12.5GHz 41.8 dBi Transmit Polarization Polarization Linear Operational Componal Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43.8 dBi VSWR 1.3.1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) Survival up to 100 mph stowed (161 kph) IPUINT TM Specifications Stow Configure Net Solarizational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 800mA on RF cable to power LNB and diseq tones. Limit Switches Stow Azimuth and Elevation switches Stow Azimuth and Elevation switches Stow Azimut and Elevation switches	Antenna Width	123cm	
Reflector Material SMC Weight 80kg Range	Antenna Height	127cm	
Weight 80kg Range	Geometry	Offset, dual optic	
Range Azimuth -/-220° Azimuth -/-220° Elevation 3° - 90° Polarization +/-95° Feed Interface WR75 Electrical	Reflector Material	SMC	
Range Azimuth -/-220° Azimuth -/-220° Elevation 3° - 90° Polarization +/-95° Feed Interface WR75 Electrical	Weight	80kg	
Azim_thh 4/220° Elevation 3° - 90° Polarization 4/95° Feed Interface WR75 Electrical Receive Polarization Linear Frequency Band 10.712.75 GHz Gain @12.5CHz 41.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GHz Gain @14.25CHz 43 dBi VSWR 13.31 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPOINT ^{1M} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Fisplary 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Physical Temperature Range 40°C to 55°C - Operating Range Option 40°C to 85°C - Non Operating (storage) 410°C to 85°C - Non Operating (storage) Au°C to 85°C - Non Operating (storage) Au°C to 85°C - Operating Range Option 40°C to 85°C - Operating Range Opt			
Elevation 3° - 90° Polarization +/-95° Feed Interface WR75 Electrical Receive Polarization Linear Frequency Band 10.7-12.75 GHz Gain @12.5GHz 41.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPUINT ^{1M} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Hand Held Controller Hand Held Controller with LCD display Physical Temperature Range -20°C to 55°C - Operating -40°C to 65°C - Non Operating (storage) Extened Temperature Range Option -40°C to 55°C - Operating -40°C to 65°C - Non Operating (storage) Extened Temperature Range Option -40°C to 55°C - Operating Aufor to 85°C - Non Operating (storage) Atitude 10.000 feet max Input FOWER 11.00 r 2300, single phase, 50/60Hz, 500W Dimensions Antenna mounted controller No. 21°E (483mm) x 1.75° (44mm) x 16°(406mm) Rack mounted Controller 010F		+/-220°	
Polarization +/-95° Feed Interface WR75 Electrical Receive Polarization Linear Frequency Band 10.7-12.75 GHz Gain @ 12.5GHz 41.8 dBi Transmit Polarization Ilear Orthogonal Frequency Band Frequency Band 13.75-14.5 GHz Gain @ 14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) Survival up to 100 mph stowed (161 kph) TPUINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18/VDC switchable at up to 600m A on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Eable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Eable to power LNB and diseq tones. Motor Drive Can drive all motors at 24/VD cu to 12A. Pulse width modulation from 10% to 100%. Linit Switches Stow Azimuth and Elevation switches Goto to 55°C - Operating 40°C to 55°C - Operating 40°C to 55°C -			
Feed Interface WR75 Electrical Receive Polarization Linear Frequency Band 10.7-12.75 GHz Gain @12.5GHz 41.8 dBi Transmit Polarization Polarization Linear Orthogonal Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPDINT TM Specifications Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) INB Power supply Can provide 13/18 VOC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24/DC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options -40°C to 55°C - Operating Hand Held Controller with LCD display -40°C to 55°C - Operating Physical -20°C to 55°C - Operating Temperature Range -40°C to 55°C - Operating	Polarization		
Receive Polarization Linear Frequency Band 10.7-12.75 GHz Gain @12.5GHz 41.8 dBi Transmit Polarization Linear Orthogonal Frequency Band Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPUINT ^{IN} Specifications Operational modes Operational modes Auto-acquire Unstow Stow Configure Can provide 13/18/DC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24/DC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options -20°C to 55°C - Operating Hand Held Controller Hand Held Controller with LCD display Physical -20°C to 55°C - Operating Temperature Range -20°C to 055°C - Operating Range Option <td>Feed Interface</td> <td></td>	Feed Interface		
Polarization Linear Frequency Band 10.7-12.75 GHz Gain @12.5GHz 41.8 dBi Transmit Polarization Polarization Linear Orthogonal Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPDINT ^{IM} Specifications Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPOINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600m An RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Mod. Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Stow Azimuth and Elevation switches Options -20°C to 55°C – Operating -40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Hand Held Controller Hand Held Controller with LCD display -40°C to 85°C - Non Operating (storage) -40°C to 55°C – Operating	Electrical		
Frequency Band 10.7-12.75 GHz Gain @ 12.5GHz 41.8 dBi Transmit Polarization Linear Orthogonal Frequency Band Frequency Band 13.75-14.5 GHz Gain @ 14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPDINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Fengenature Range -20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Extened Temperature Range -20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) -40°C to 85°C - Non Operating (storage) Humidity <	Receive		
Gain @ 12.5GHz 41.8 dBi Transmit Polarization Frequency Band 13.75-14.5 GHz Gain @ 14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPUINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure NB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options -20°C to 55°C - Operating Hand Held Controller with LCD display Physical Temperature Range -20°C to 55°C - Operating (storage) -40°C to 85°C - Non Operating (storage) -40°C to 85°C - Non Operating (storage) Humidity 5% to 95% RH non condensing - Operating (storage) Humidity 5% to 95% RH non condensing - Non Operating (storage) Humidity 5	Polarization	Linear	
Gain @ 12.5GHz 41.8 dBi Transmit Polarization Linear Orthogonal Frequency Band 13.75-14.5 GHz Gain @ 14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPUINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure NB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Stow Azimuth and Elevation switches Options -20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Extened Temperature -40°C to 55°C – Operating -40°C to 55°C – Non Operating (storage) Humidity 5% to 95% RH non condensing - Operating -40°C to 55°C – Non Operating (storage) Humidity 5% to 95% RH non condensing - Non Operating (storage) -40°C to 85°C - Non Operating (storage) <	Frequency Band	10.7-12.75 GHz	
Polarization Linear Orthogonal Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPUINT ^{IM} Specifications Operational modes Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Options		41.8 dBi	
Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPDINT [™] Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Eine LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options	Transmit		
Frequency Band 13.75-14.5 GHz Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPDINT [™] Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Eine LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options	Polarization	Linear Orthogonal	
Gain @14.25GHz 43 dBi VSWR 1.3:1 Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPDINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Options	Frequency Band	13.75-14.5 GHz	
Wind Speed Operational up to 45 mph (72 kph) Survival up to 100 mph stowed (161 kph) IPOINT TM Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Options		43 dBi	
Survival up to 100 mph stowed (161 kph) IPOINT TM Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Options Stow Azimuth and Elevation switches Options Physical -20°C to 55°C - Operating - Temperature Range -20°C to 55°C - Operating - -40°C to 85°C - Non Operating (storage) - - Extened Temperature -40°C to 85°C - Non Operating (storage) - Humidity 5% to 95% RH non condensing - Operating (storage) - Altitude 10,000 feet max - - Input Power 110 or 230V, single phase, 50/60Hz, 500W - 0 Dimensions Antenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) - Mounting Antenna mounted controller SUGPMI = SUGPMI = SUGPMI = SUGPMI = SUGPMI = SUGPMI =	VSWR	1.3:1	
IPOINT ^{IM} Specifications Operational modes Auto-acquire Unstow Stow Configure LNB Power supply Can provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones. RF Signal Input L-band signal from LNB Level -70 to -20 dBm Display 2 line LCD display giving Mode, Signal Level Indication and Position Information Motor Drive Can drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%. Limit Switches Stow Azimuth and Elevation switches Options Hand Held Controller Hand Held Controller Hand Held Controller with LCD display Physical -20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Extened Temperature -40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Humidity 5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Operating 10,000 feet max Input Power 110 or 230V, single phase, 50/60Hz, 500W Dimensions Antenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm) Mounting Antenna mounted controller	Wind Speed		
Operational modesAuto-acquireUnstowStowConfigureLNB Power supplyCan provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones.RF Signal InputL-band signal from LNB Level -70 to -20 dBmDisplay2 line LCD display giving Mode, Signal Level Indication and Position InformationMotor DriveCan drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%.Limit SwitchesStow Azimuth and Elevation switchesOptionsHand Held ControllerHand Held Controller with LCD displayPhysicalTemperature Range-20°C to 55°C - Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C - Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet max 10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller	TDOINT M Specifica		
LNB Power supplyCan provide 13/18VDC switchable at up to 600mA on RF cable to power LNB and diseq tones.RF Signal InputL-band signal from LNB Level -70 to -20 dBmDisplay2 line LCD display giving Mode, Signal Level Indication and Position InformationMotor DriveCan drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%.Limit SwitchesStow Azimuth and Elevation switchesOptionsHand Held ControllerHand Held Controller with LCD displayPhysicalTemperature Range-20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Operating (storage)Altitude10,000 feet max 110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller			
RF Signal InputL-band signal from LNB Level -70 to -20 dBmDisplay2 line LCD display giving Mode, Signal Level Indication and Position InformationMotor DriveCan drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%.Limit SwitchesStow Azimuth and Elevation switchesOptionsHand Held Controller with LCD displayPhysicalTemperature Range-20°C to 55°C – Operating -40°C to 85°C - Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 85°C – Operating -40°C to 85°C – Operating -40°C to 85°C – Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Controller 10.8" (275mm) x 10.3" (262mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller			
Display2 line LCD display giving Mode, Signal Level Indication and Position InformationMotor DriveCan drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%.Limit SwitchesStow Azimuth and Elevation switchesOptionsHand Held ControllerHand Held ControllerHand Held Controller with LCD displayPhysical-20°C to 55°C - Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C - Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Controller 10.8" (275mm) x 10.7" (44mm) x 16"(406mm)MountingAntenna mounted controller			
Motor DriveCan drive all motors at 24VDC up to 12A. Pulse width modulation from 10% to 100%.Limit SwitchesStow Azimuth and Elevation switchesOptionsHand Held ControllerHand Held Controller with LCD displayPhysicalTemperature Range-20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller			
Limit SwitchesStow Azimuth and Elevation switchesOptionsHand Held ControllerHand Held Controller with LCD displayPhysicalTemperature Range-20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller			
OptionsHand Held ControllerHand Held Controller with LCD displayPhysicalTemperature Range-20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Extened Temperature-40°C to 55°C – Operating -40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet max 110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller			
Hand Held ControllerHand Held Controller with LCD displayPhysical-20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet max 110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller		Stow Azimuth and Elevation switches	
Physical Temperature Range -20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Extened Temperature Range Option -40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage) Humidity 5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage) Altitude 10,000 feet max Input Power 110 or 230V, single phase, 50/60Hz, 500W Dimensions Antenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm) Mounting Antenna mounted controller			
Temperature Range-20°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller		And Held Controller with LCD display	
Temperature Range-40°C to 85°C - Non Operating (storage)Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller	Physical		
Extened Temperature Range Option-40°C to 55°C – Operating -40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller	Temperature Range		
Range Option-40°C to 85°C - Non Operating (storage)Humidity5% to 95% RH non condensing - Operating 0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller	Extened Temperature		
Humidity5% to 95% RH non condensing - Operating0% to 99% RH non condensing - Non Operating (storage)Altitude10,000 feet maxInput Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm)Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller		-40° C to 85° C - Non Operating (storage)	
0% to 99% RH non condensing - Non Operating (storage) Altitude 10,000 feet max Input Power 110 or 230V, single phase, 50/60Hz, 500W Dimensions Antenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm) Mounting Antenna mounted controller		5% to 95% RH non condensing - Operating	
Altitude 10,000 feet max Input Power 110 or 230V, single phase, 50/60Hz, 500W Dimensions Antenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm) Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm) Mounting Antenna mounted controller	Training y		
Input Power110 or 230V, single phase, 50/60Hz, 500WDimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm)Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller	Altitude		
DimensionsAntenna mounted controller 10.8" (275mm) x 10.3" (262mm) x 2.7" (69mm)Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller			
Rack mounted Control panel containing PSU:19" (483mm) x 1.75" (44mm) x 16"(406mm)MountingAntenna mounted controller	· ·		
Mounting Antenna mounted controller	61101010		
	Mounting		
Rack mounted Control parter containing PSO. Standard TO fack mount	wounting		
Standards			
Designed to meet EN55022 and EN50082-1	Designed to meet	EN55022 and EN50082-1	

NORTH AMERICA USA

USA Tel: +1 703 659 9796 Fax: +1 703 635 2212 info.usa@advantechwireless.com

CANADA

Tel: +1 514 420 0045 Fax: +1 514 420 0073 info.canada@advantechwireless.com

EUROPE UNITED KINGDOM

Tel: +44 1480 357 600 Fax: +44 1480 357 601 info.uk@advantechwireless.com

RUSSIA & CIS Tel: +7 495 971 59 18 info.russia@advantechwireless.com

INDIA Tel: +91 33 2415 5922 info.india@advantechwireless.com

SOUTH AMERICA

Tel: +1 514 420 0045 Fax: +1 514 420 0073 info.latam@advantechwireless.com

BRAZIL

Tel: +55 11 3054 5701 Fax: +55 11 3054 5701 info.brazil@advantechwireless.com An ISO 9001 : 2008 Company



Ref.: PB-IPENT-001-13150

www.advantechwireless.com

With the objective to constantly improve our products, specifications are subject to change without prior notice