





## AutoWinch PRO for Horticulture

<b>Product Name:</b>	AutoWinch PRO	<b>Product Photos</b>
<b>Product Code:</b>	A1900180SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"> <li>• Easily connects to any Padman outlet fitted with Padman standard auto-ready hand winch</li> <li>• Solar and battery powered</li> <li>• Fully portable, designed to be moved twice a day</li> <li>• Time based functionality</li> <li>• Integrates with Padman PAMS IoT Web App and Padman Mobile App</li> <li>• Can be paired with BayWatcher or Water Watcher if integrated with Padman PAMS IoT Web App</li> <li>• Onsite, seven day scheduling</li> <li>• Multi-stage opening ability</li> <li>• Visual beacon</li> <li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li> </ul>	
<b>Product Description:</b>	<p>The AutoWinch PRO is a rugged, solar/battery powered actuation system designed to operate outlets fitted with Padman manual winches using Padman's unique camlock fastening system.</p> <p>Contained in a robust, one-piece enclosure, this self-contained portable winch is designed to be moved from outlet to outlet on a daily basis.</p> <p>Within the enclosure is a battery, powerful electric actuator and communication electronics. The enclosure also supports the user keyboard, communication aerials, visual beacon and solar panel.</p> <p>Although the AutoWinch PRO is designed to be operated and monitored via Padman's PAMS IoT software, it can be programmed and operated separately if required due to its onboard microprocessor. This onboard "smarts" also provides a backup should the local 3G/4G network fail during irrigation, as it always stores the most recent irrigation schedule.</p>	




## AutoWinch Seasonal for Horticulture

<b>Product Name:</b>	AutoWinch Seasonal	<b>Product Photos</b>
<b>Product Code:</b>	A18000247SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"> <li>• Easily connects to any Padman outlet fitted with Padman standard hand winch</li> <li>• Solar and battery powered</li> <li>• Designed to be moved 'twice a season'</li> <li>• Time based functionality</li> <li>• Integrates with Padman Web App and Padman Mobile App</li> <li>• Can be paired with BayWatcher or Water Watcher if integrated with Padman Web App</li> <li>• Onsite, seven day scheduling</li> <li>• Multi-stage opening ability</li> <li>• Visual beacon</li> <li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li> </ul>	
<b>Product Description:</b>	<p>A solar/battery powered actuation system designed to operate outlets fitted with Padman manual winches. Whilst easily mounted onto and removed from the fixed manual winch using Padman's unique camlock fastening system, the AutoWinch Seasonal is designed to stay mounted on the outlet for the duration of the season.</p> <p>Contained within the dual enclosures are a battery, powerful electric actuator and communication electronics. The swivel-mounted upper enclosure supports the user keyboard, communication aerals, visual beacon and solar panel.</p> <p>Although the AutoWinch Seasonal is designed to be operated and monitored via Padman's PAMS, it can be programmed and operated separately if required due to its onboard microprocessor. This onboard "smarts" also provides a backup should the local 3G/4G network fail during irrigation, as it always stores the most recent irrigation schedule.</p>	



## BayWatcher PRO for Horticulture

<b>Product Name:</b>	BayWatcher PRO	<b>Product Photos</b>
<b>Product Code:</b>	A19000150SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"> <li>• Portable, rugged water position sensor.</li> <li>• Solar and battery powered</li> <li>• Integrates with Padman PAMS IoT Web App and Padman Mobile App</li> <li>• Can be paired with AutoWinch range via Padman Stops' IoT PAMS Web App software.</li> <li>• Onsite, seven day scheduling</li> <li>• Visual beacon</li> <li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li> </ul>	
<b>Product Description:</b>	<p>The Baywatcher PRO is a rugged, portable sensor that is designed for detecting water as it moves across an irrigated area.</p> <p>A typical use is to place the BayWatcher PRO at a predetermined point on an irrigated bay so when water reached that point, a signal can be used by the PAMS IoT network for a variety of tasks, including:</p> <ul style="list-style-type: none"> <li>• Closing the bay outlet</li> <li>• Opening another bay outlet</li> <li>• Closing/opening a channel stop</li> <li>• Turning on/off a pump</li> <li>• Sending an advice message to the irrigator</li> </ul>	




## SoilWatcher PRO for Horticulture

<b>Product Name:</b>	SoilWatcher PRO	<b>Product Photos</b>
<b>Product Code:</b>	A19000178SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"> <li>• Compact, easy-to-use soil moisture sensor.</li> <li>• Battery powered with solar recharging.</li> <li>• Economical pricing allows practical use over many different locations.</li> <li>• Measures soil Moisture from 3 customizable depths</li> <li>• Integrates with the Padman Stops IoT Web App software.</li> <li>• Pre-determined alert levels can be set, enabling Smart Alerts to be sent to the irrigator.</li> <li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li> </ul>	
<b>Product Description:</b>	<p>The SoilWatcher is an economical solution to allow the monitoring of basic soil moisture parameters over the PAMS IoT system from several locations on-farm.</p> <p>By integrating with the Padman Stops IoT Web App, the SMI-Watcher PRO is able to provide critical information to help the irrigator decide on when their next irrigation cycle should occur.</p>	



## MultiWatcher PRO for Horticulture

<b>Product Name:</b>	MultiWatcher PRO	<b>Product Photos</b>
<b>Product Code:</b>	A19000179SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"><li>• Compact, easy-to-mount integral unit.</li><li>• Battery powered with solar recharging.</li><li>• Connects to most industry standard sensors and measurement devices.</li><li>• Infield calibrations and display for easy setup.</li><li>• Customisation to suit individual farms.</li><li>• Integrates with the Padman Stops IoT PAMS App software.</li><li>• Pre-determined threshold alert levels can be set.</li><li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li></ul>	
<b>Product Description:</b>	<p>The MultiWatcher PRO is designed to integrate third party water depth or water height measurement devices or sensors with the Padman PAMS IoT network.</p> <p>This information can be used to activate other equipment connected over the PAMS network, such as pumps, valves and any other structures controlled through the PAMS network.</p> <p>Typical measurement devices include:</p> <ul style="list-style-type: none"><li>• Ultrasonic level sensors</li><li>• Capacitance probes</li><li>• Pressure sensors</li><li>• Weight cells</li></ul> <p>Measurement applications include:</p> <ul style="list-style-type: none"><li>• Grain level in silos,</li><li>• Fuel tank levels, etc.</li></ul> <p>Any sensor with 4-20mA, analogue voltage input up to 10VDC, RS485 or SDI12 outputs can be integrated into PAMS with the MultiWatcher PRO.</p> <p>The MultiWatcher PRO is also capable of acting as a power source for the connected sensor, providing up to 12VDC.</p>	



## MultiController PRO for Horticulture

<b>Product Name:</b>	MultiController PRO	<b>Product Photos</b>
<b>Product Code:</b>	A18000228SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"> <li>• Compact, easy-to-mount integral unit.</li> <li>• Battery powered with solar recharging.</li> <li>• Connects to most industry standard actuators, valves, solenoids, relays etc.</li> <li>• Infield calibrations and display for easy setup.</li> <li>• Customisation to suit individual farms.</li> <li>• Integrates with the Padman Stops IoT PAMS App software.</li> <li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li> </ul>	
<b>Product Description:</b>	<p>Integrating with the Padman PAMS IoT network, the MultiController PRO is a compact, solar and battery-powered controller that can be set up anywhere where equipment needs to be switched on or operated remotely.</p> <p>The MultiController PRO allows almost any switchable piece of equipment to be integrated into the Internet of Things via Padman Stops' PAMS.</p> <p>Outputs of the MultiController include:</p> <ul style="list-style-type: none"> <li>• Voltage free contacts</li> <li>• Controlling VSD</li> </ul> <p>Information from other sensors or measurement devices can be used to turn on/off, move or actuate any piece of equipment connected to the PAMS IoT network via the MultiController PRO.</p> <p>Equipment operated includes:</p> <ul style="list-style-type: none"> <li>• Pumps,</li> <li>• Augers,</li> <li>• Gates,</li> <li>• Outlets,</li> <li>• Anything that can be switched on or off.</li> </ul>	





## WaterWatcher PRO for Horticulture

<b>Product Name:</b>	WaterWatcher PRO	<b>Product Photos</b>
<b>Product Code:</b>	A19000148SA	
<b>Features &amp; Benefits:</b>	<ul style="list-style-type: none"> <li>• Compact, easy-to-mount integral unit.</li> <li>• Battery powered with solar recharging.</li> <li>• Connects to most industry standard water depth measurement sensors.</li> <li>• Infield calibrations &amp; display for easy setup.</li> <li>• Customisation to suit individual farms.</li> <li>• Integrates with the Padman Stops IoT Web App software.</li> <li>• Pre-determined threshold alert levels can be set.</li> <li>• Annual, per device, low fuss fee for SMS communication of \$75+GST.</li> </ul>	
<b>Product Description:</b>	<p>The WaterWatcher PRO is designed to integrate third party water depth or water height measurement devices or sensors with the Padman PAMS IoT network.</p> <p>This information can be used to activate other equipment connected over the PAMS network, such as pumps, valves and any other structures controlled through the PAMS network.</p> <p>Typical measurement devices include:</p> <ul style="list-style-type: none"> <li>• Ultrasonic level sensors</li> <li>• Capacitance probes</li> <li>• Water depth pressure sensors</li> </ul> <p>Measurement applications include:</p> <ul style="list-style-type: none"> <li>• Channels, drains or head ditches,</li> <li>• Water Tank levels,</li> <li>• Water pressure in pipelines, etc.</li> </ul> <p>Any sensor with 4-20mA, analogue voltage input up to 10VDC, RS485 or SDI12 outputs can be integrated into PAMS with the WaterWatcher PRO.</p> <p>The WaterWatcher PRO is also capable of acting as a power source for the connected sensor, providing up to 12VDC.</p>	