



Datasheet

Pacific Main



Intended use

Pacific is a measuring, monitoring and control system designed for use in fish farms. It is both multi-channel and multi-parameter, and forms a modular small size complete system. A member of the Commander series of equipment, it can be used both as a stand-alone system or as a part of a larger Commander Pacific system.

Order information / part numbers

Pacific Analogue Unit (8 inputs and outputs)	Item no: C11PANIO
Pacific Analogue Unit (8 inputs and outputs), High Base	Item no: C11PANIOH
Pacific Main Unit for 4 multi-analogue and 2 (0) multi-digital probes	Item no: C11PB
Pacific Main Unit AI, for 2 multi-analogue and 2 (0) multi-digital probes	Item no: C11PBAI
Pacific Main Unit AI, High Base	Item no: C11PBAIH
Pacific Main Unit for 4 multi-analogue and 2 (0) multi-digital probes, High Base	Item no: C11PBH
Pacific Main XD for 3 multi-analogue and 4 (2) multi-digital probes	Item no: C11PBXD
Pacific Main XD for 3 multi-analogue and 4 (2) multi-digital probes, High Base	Item no: C11PBXDH
Pacific Combi Unit for 4 multi-analogue and 2 multi-digital probes	Item no: C11PCO
Pacific Combi Unit AI, for 2 multi-analogue and 2 multi-digital probes	Item no: C11PCOAI
Pacific Combi Unit AI, for 2 multi-analogue and 2 multi-digital probes, High Base	Item no: C11PCOAIH
Pacific Combi Unit for 4 multi-analogue and 2 multi-digital probes, High Base	Item no: C11PCOH
Pacific Combi Unit XD for 3 multi-analogue and 4 multi-digital probes	Item no: C11PCOXD
Pacific Combi Unit XD for 3 multi-analogue and 4 multi-digital probes, High Base	Item no: C11PCOXDH
Pacific Digital I/O Unit with 10 on/off inputs or outputs and 10 relays	Item no: C11PIO10
Pacific Digital I/O Unit with 10 on/off inputs or outputs and 10 relays, High Base	Item no: C11PIO10H
Pacific Probe Unit XD for 14 multi-digital probes	Item no: C11PP14XD
Pacific Probe Unit XD for 14 multi-digital probes, High Base	Item no: C11PP14XDH
Pacific Probe Unit for 8 multi-analogue and 2 digital probes with 1 relay	Item no: C11PP8
Pacific Probe Unit for 8 multi-analogue probes with 1 relay, High Base	Item no: C11PP8H
USB cable connector for Pacific Main Unit	Item no: C11XUSBC

Technical specifications

Display	LCD Touch display with variable backlight and Colors
Probes	<p>Pacific Main: 4 analogue probes, 2 (0) digital probes*, 6 on/off inputs and/or outputs, 6 output relays</p> <p>Pacific Main XD: 3 analogue probes, 4 (2) digital probes*, 6 on/off inputs and/or outputs, 6 output relays</p> <p>Pacific Main AI: 2 analogue probes, 2 (0) digital probes*, 5 on/off inputs and/or outputs, 5 output relays, 4 mA I/O</p> <p>Pacific I/O: 2 digital probes, 8 on/off (inputs, outputs or a combination)</p> <p>* Note that when a Pacific Main Unit is combined with one or more extension boxes, fewer or no digital probes can be connected.</p>
Temperature	Operating temperature: -10 °C to 45 °C Storage temperature: -10 °C to 60 °C
Meter water resistance	IP65 *When all cable glands are tightened
Data logging capacity	100.000 sets of data, Max 20 Probes or mA In, and 30 Relays, and I/O or mA Out
Automatic check of	Probe function
2 x LAN	2 x LAN ports, 10/100 Mbps, compliance IEEE 802.3 (One Lan port outside box, One Lan port inside box)
2 x USB	2 x USB 1.0 (One USB port outside box, One USB port inside box *need to by a USB connector before port 2 can be used.)
Dimensions Main Unit	<ul style="list-style-type: none">Low Base: Length = 265 mm / 10.43" X Width = 265 mm / 10.43" X Thickness = 90 mm / 3.45"High Base: Length = 265 mm / 10.43" X Width = 265 mm / 10.43" X Thickness = 145 mm / 5.7"
Weight	Main Unit: Low base 2 kg, High Base 2.2 kg
Cable Glands Out	Cable Glands Out: Low Base - PG9 - 9 / PG13 - 2 Cable Glands Out: High Base - PG - 10 / PG13 - 4
Power	24 VDC, 0,444 ADC Only Main Unit + Relays

Data subject to change without notice; Pacific Main datasheet GB 2025 11