

PX UNIVERSAL

Wireless catch monitoring sensor



The PX sensor family comes in two different bodies and 8 different HW configurations. At the same time, each sensor can read up to 5 different measurements. A standard sensor will have 2 data readings and the user can purchase a license for up to 3 additional functions.

The complete PX sensor family is depth rated to 1000m including the depth sensors and seine sounders.



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TECHNOLOGY FOR SUSTAINABLE FISHERIES

TECHNICAL SPECIFICATIONS

The PX Universal comes either as a Standard sensor or as a MultiCatch sensor. The Standard sensor can measure height of the door, distance to bottom on trawl or purse seine. The Multicatch can be configured as a catch sensor or a depth/temperature sensor.



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PX
SENSOR

	DEPTH	CATCH	STANDARD
Communication Frequency	43,5-49,5 kHz	40-70 kHz	43,5-49,5 kHz
Echosounder / Transverse working frequency	N/A		70 kHz
Maximum Communication Distance	2500 m		
Depth Rating	1400 m ⁽¹⁾		
Maximum number of measurements	5		

All available functions can be user programmable using the TV80 software.

UPDATE RATES

Slow	5,5 s. approx.
Normal	14 s. approx.
Fast	34 s. approx.

MAXIMUM BATTERY LIFE

With one measurement (hours)	100	150	100
With two measurements (hours)	N/A	N/A	80

CHARGING TIME

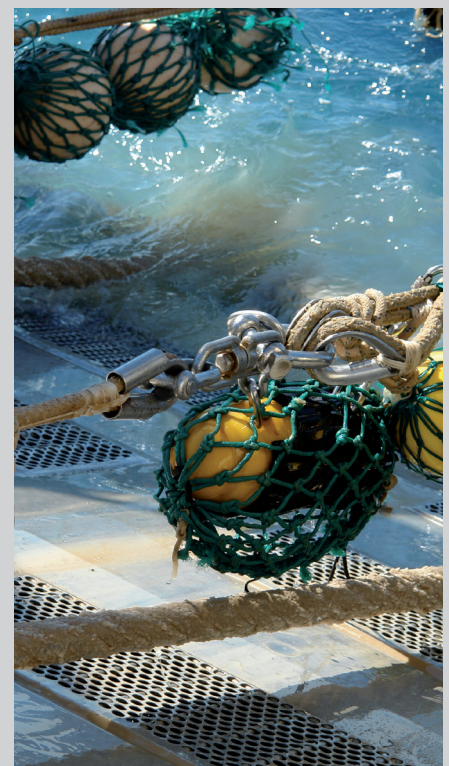
Up to 70% of total capacity (hours)	1
Up to 100% of total capacity (hours)	4

WEIGHT

In Air	4,3 kg	4,3 Kg	7 Kg
In Water	1,5 kg	1,5 kg	2,7Kg

Door Spread Maximum Range			
Geometry Maximum Range			
Acoustic Depth / Height Maximum Range			100 m

(1) Except PI D300 which is 1000 m.



SENSORS		FUNCTIONS						
Name	Part no.	Battery Status	Catch	Depth	Height	Pitch	Roll	Temperature
PX Universal	400943	■		■	■	■	■	■
PX MultiCatch D/T	418419	■		■		■	■	■
PX MultiCatch C/T	418520	■	■			■	■	■

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