

ONWA[®]
Marine Electronics

K-ProVision

GO BEYOND
FISHING
START
TRACKING

Enhanced CHIRP Fishfinder with
Ultra-Sensitive & Highly Responsive
Touchscreen and Traditional
Keypad Interface



<https://www.onwamarine.com/>



K-ProVision

Enhanced GPS Fishfinder with **Ultra Sensitive & Water-resistant Touchscreen** and Traditional Keypad Interface

KTD-TM820C

CHIRP technology sweeps through a range of frequencies to give you an ultra-clear sonar picture of objects, structure and fish that pass below and to the sides of the boat.

Features

- Highly responsive touch control, even under wet conditions
- Next-generation CHIRP Fishfinder Module

Specifications

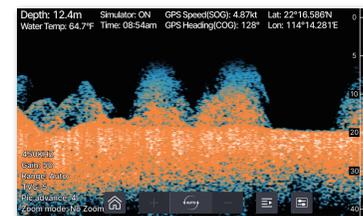
- Available screen size 5" , 7" color LCD (800 × 480) and 9" color LCD (1024×600)
- 1000 cd/m2 sunlight viewable display



User Definable Multi-mode Display

GNSS

Built-in GNSS antenna integrated GNSS receiver, supporting multi-constellations, delivering uninterrupted, global coverage



SmartVision

Chirp Fishfinder Display



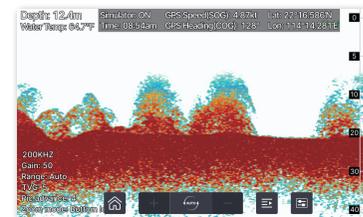
High-Resolution CHIRP Scanning technology



SEABED HARDNESS Display



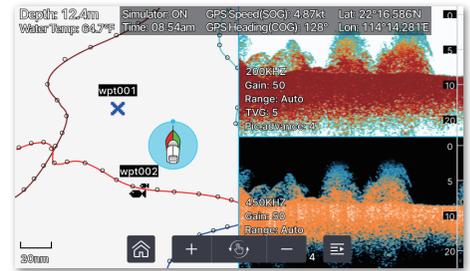
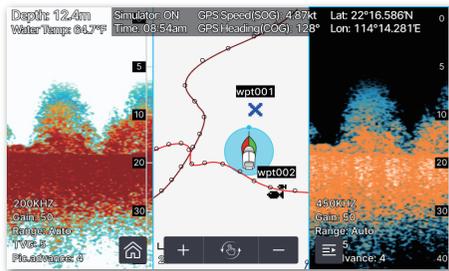
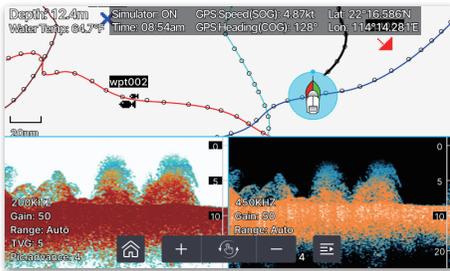
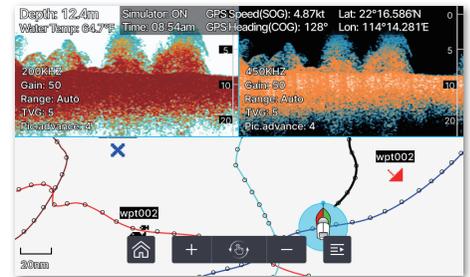
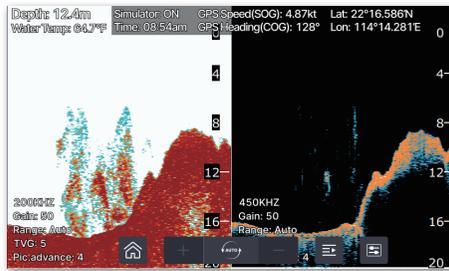
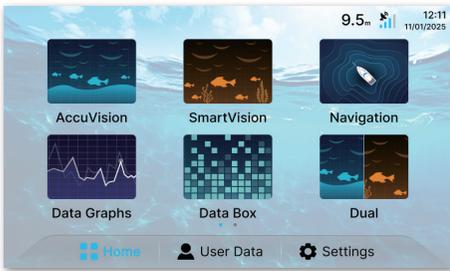
Built-in Fish Finder



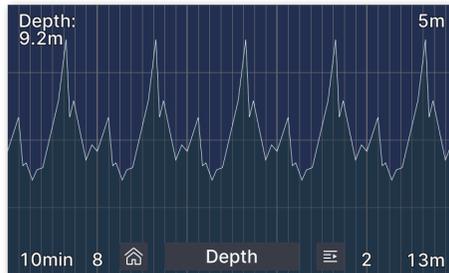
AccuVision

Traditional Fishfinder Display

➤ Different Display Modes



Position	Bearing	Range
22°17.070'N 114°09.426'W	22 °	4.4 nm
ETA	TTG	Time
11:03	22H9M	11:03
Home Edit Menu		



➤ Models



K-ProVison 5C
5"GPS/CHIRP Fishfinder



K-ProVison 7C
7"GPS/CHIRP Fishfinder



K-ProVison 9C
9"GPS/CHIRP Fishfinder

POWER & ENVIRONMENT

Power Supply:	10.5V-31.2V
Working Temperature:	-15 C to +55 C
Relative Humidity:	85% at 40 C
Vibration:	±1 mm (±10%), 2(5) ~ 13.2 Hz
	Max. Acceleration: 7 m/s ² , 13.2 ~ 100 Hz
Brightness:	1000 nits (Maximum)

SONAR SPECIFICATIONS

Sonar	Frequency (subject to the transducer applied)	Measuring Range (adjustable in system menu)	Transmit Power (RMS)
Traditional	50/200 KHz	Up to 1000m	1000 W
CHIRP	83/200/445 KHz	Up to 200m	500 W

Dual Frequency:	Split-Screen, each occupying half of the display
Zoom:	Bottom Lock; Auto Zoom; Manual Zoom
A-scope:	Real-time display (AccuVision only)

ZOOM RANGE

Bottom Lock:	Meters: 5 ~ 20 Fathoms: 2 ~ 10 Feet: 10 ~ 40
Auto Zoom / Bottom Zoom:	x2, x3, x4, x6 (Automatically adjusts range and sensitivity)
Manual Zoom / Marker Zoom:	x2, x3, x4, x6
Picture Advance Speed:	10, 8, 6, 4, 2, 1, 0.5, 0.2, 0.1
Interference Rejection:	suppress unwanted signals
Alarm:	bottom alarm, fish alarm, and temperature alarm, gps alarm, water depth alarm, shallow water alarm

GENERAL

Model:	Display Size	Display Type	Resolution	Dimension (L×W×H)	Water Rating
K-ProVison 5C	5"	True Color LCD	800×480	143.1 x 215.3 x 63.1mm	IPX6
K-ProVison 7C	7"			155.1 x 241.3 x 62.9mm	
K-ProVison 9C	9"			295.5 x 172.5 x 77.7mm	

CONNECTIVITY & NAVIGATION

Receiver:	56 parallel channel GNSS receiver continuously tracks and uses up to 56 satellites to compute and update your position
GNSS:	Support GPS, Beidou and GLONASS
Acquisition time:	Cold start: 38 seconds, Hot start: 1 second
Update rate:	1 sec
Accuracy:	Position: 3 meters (95%) without S/A Velocity: 0.1 meter/sec. without S/A
Dynamics:	Altitude: 18,000 meters, Velocity: 515 meter/sec.
Datum:	WGS84, User define
SBAS:	Supported (For all models)
QZSS:	Supported (For all models)

NMEA SENTENCES SUPPORTED

NMEA Input & Output :	N/A
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MAPS & MEMORY

Waypoints:	Up to 12,000 (with symbols or names); 10 most recent displayed
Routes:	Up to 30 routes, 170 waypoints per route
Current Track:	1 active track, up to 8,000 points
Saved Tracks:	Up to 10 tracks, 8,000 points each
Firmware Update:	Firmware Updates via SD Card

**INTERCONNECTION
DIAGRAM**



Optional

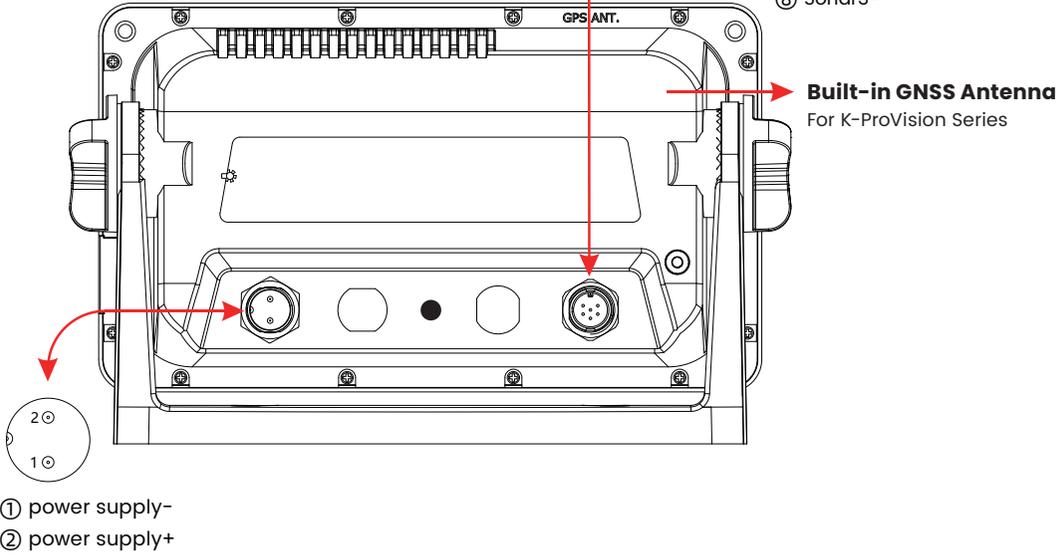
TRANSDUCER

(Adapter cable may be used)

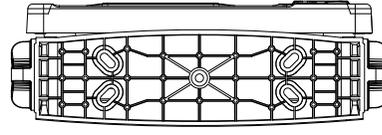
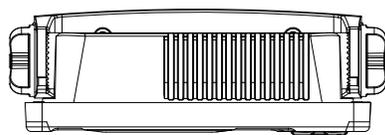
- ① Sonar+
- ② Temperature grounding
- ③ No Connection
- ④ Temperature
- ⑤ Sonar-
- ⑥ Sonar grounding

TRANSDUCER

- ① Sonar1+
- ② Sonar1-
- ③ Sonar2+
- ④ Sonar2-
- ⑤ Temperature
- ⑥ Temperature ground
- ⑦ Sonar3+
- ⑧ Sonar3-

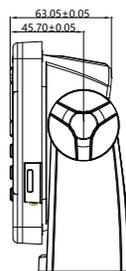
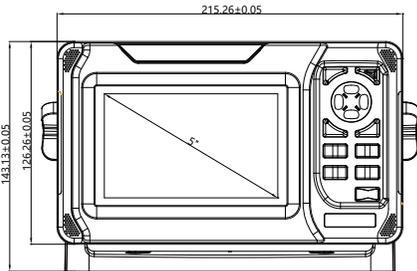


**DIMENSIONS
(K-ProVision 5C)**

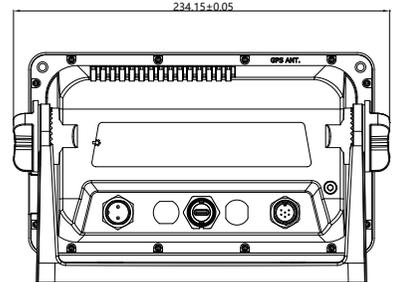


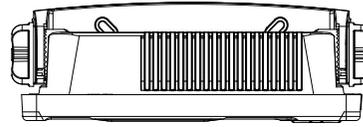
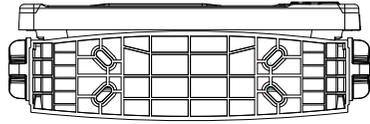
Front view

Side view



Back view



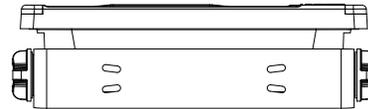
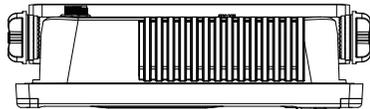
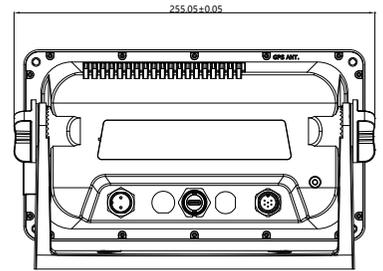
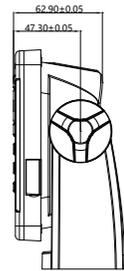
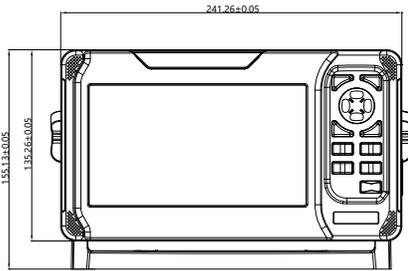


**DIMENSIONS
(K-ProVision 7C)**

Front view

Side view

Back view

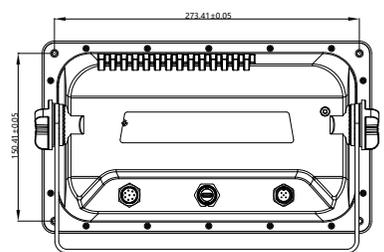
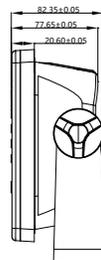
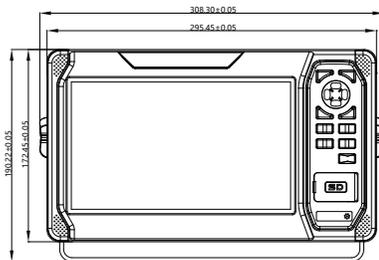


**DIMENSIONS
(K-ProVision 9C)**

Front view

Side view

Back view



All specifications are subject to change without prior notice!