



# Ti5 DISPLAY

The Ti5 display allows users to leverage Hexagon's solutions and it's compatible with the most popular machines in the market. A single display may include several products according to the needs of each customer.

## GNSS RECEPTOR DATA

Model	Ti5-H e Ti5-H+	Ti5-O	Ti5-A	Ti5
<b>GNSS module</b>	<b>u-blox MAX-7Q</b>	<b>NovAtel OEMStar</b>	<b>NovAtel AT7500</b>	<b>NovAtel OEM719</b>
<b>Channels</b>	56 L1	14 L1	181 L1, L2, L5, B1, B2, E5b, AltBOC	555 L1, L2, L3, L5, L6
<b>Constellations</b>	GPS, GLONASS, SBAS, QZSS	GPS, GLONASS, SBAS	GPS, GLONASS, BeiDou, Galileo, NavIC, QZSS, SBAS, L-Band	GPS, GLONASS, BeiDou, Galileo, NavIC, QZSS, SBAS, L-Band
<b>Position accuracy (RMS)</b>				
<b>Simple point</b>	2.50 m	1.50 m	L1: 1.50 m L1+L2: 1,0 m	1.20 m
<b>SBAS</b>	2.00 m	0.70 m	0.60 m	0.60 m
<b>DGPS</b>	-	0.50 m	0.40 m	0.40 m
<b>PPP</b>	-	-	TerraStar-L: 0.40 m TerraStar-C: 0.04 m	0,04 m
<b>RTK</b>	-	-	0.01 m + 1 ppm	0.01 m + 1 ppm
<b>Hot start</b>	1 s	35 s	35 s	19 s
<b>Cold start</b>	29 s	65 s	50 s	40 s
<b>Data rate</b>				
<b>Measurement</b>	Up to 10 Hz	Up to 10 Hz	Up to 20 Hz	Up 100 Hz
<b>Position</b>	Up to 10 Hz	Up to 10 Hz	Up to 20 Hz	Up to 100 Hz
<b>Time accuracy</b>	30 ns	20 ns	20 ns	20 ns
<b>Speed accuracy</b>	0.1 m/s	0.05 m/s	0.055 m/s	0.03 m/s
<b>Wi-Fi</b>	Yes	Yes	Yes	Yes
<b>900MHz radio</b>	Only Ti5-H+	No	No	No
<b>Bluetooth</b>	Yes	Yes	Yes	Yes
<b>Mobile network</b>	No	No	No	No



Strong aluminium frame for operation in all weather conditions.

## WI-FI, BLUETOOTH E 900 MHZ

TX frequency range (MHz)	Output max. power (W)	Emission designator	Technology	Modulation type	Maximum transmission rate
902.0 - 907.5	0.9795	314KF7D	FHSS	GFSK	250 kbit/s
915.0 - 928.0					
2400 - 2483.5	0.0049	1M10F7D	FHSS Bluetooth	GFSK	1 Mbit/s
	0.0061	1M35G7D	FHSS Bluetooth	8DPSK	3 Mbit/s
	0.0073	720KG7D	DSSS Bluetooth	GFSK	1 Mbit/s
	0.3793	10M1X9D	DSSS 802.11b	DBPSK DQPSK CCK	11 Mbit/s
	0.2188	15M4X9D	OFDM 802.11g	BPSK QPSK 16-QAM 64-QAM	54 Mbit/s
	0.3614	15M2X9D	OFDM 802.11n (20 MHz)	BPSK QPSK 16-QAM 64-QAM	72.2 Mbit/s (64-QAM)

## DISPLAY DATA

Model	All models
Screen	LCD, 5"; 16M colours, 600 cd/m <sup>2</sup> brightness, 600:1 contrast
Size	162 mm (W) × 125 mm (H) × 45 mm (L)
Resolution	800 × 480 pixels
User input	Touch screen Power button
Power	12Vdc, 1-5A
Interfaces	CAN: 1 × Rear USB: 1 × Rear RS-232: 1 × Rear
Temperature	Operating: -20°C to +60°C Storage: -30°C to +80°C
Protection	IP67
Humidity	95% max.

## About Hexagon Agriculture

Hexagon is a world leader in digital solutions that create Connected Autonomous Ecosystems (ACE). Data is seamlessly connected through the convergence of the physical world with the digital world, embedding intelligence in all processes.

Hexagon solutions for sensors, software and data orchestration for industries enable the creation of intelligent digital realities that improve productivity and quality through applications for manufacturing, infrastructure, security and mobility.

Hexagon's Agriculture division offers technologies that convert data into smart information that enables efficient planning and execution, precise machine controls and automated workflows, streamlining operations and increasing profits.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.5bn EUR. Find out more at [hexagonagriculture.com](https://www.hexagonagriculture.com) or follow [@HexAgriculture](https://twitter.com/HexAgriculture).