



Ti7 DISPLAY

The Ti7 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	Ti7-H, Ti7-H+ e Ti7-G	Ti7-S	Ti7-O	Ti7-A
GNSS module	u-blox MAX-7Q	NovAtel OEMStar	NovAtel OEM628	NovAtel OEM7500
Channels	56 L1	14 L1	120 L1, L2, L5	181 L1, L2, L5, B1, B2, E5b, AltBOC
Constellations	GPS, GLONASS, SBAS, QZSS	GPS, GLONASS, SBAS	GPS, GLONASS, BeiDou, Galileo, SBAS, QZSS, L-Band	GPS, GLONASS, BeiDou, Galileo, NavIC, QZSS, SBAS, L-Band
Position accuracy (RMS)				
Simple point	2.50 m	1.50 m	1.20 m	L1: 1.50m L1+L2: 1.20 m
SBAS	2.00 m	0.70 m	0.60 m	0.60 m
DGPS	-	0.50 m	0.40 m	0.40 m
PPP	-	-	0,04 m	TerraStar-L: 0.40 m TerraStar-C: 0.04 m
RTK	-	-	0.01 m + 1 ppm	0.01 m + 1 ppm
Hot start	1 s	35 s	35 s	35 s
Cold start	29 s	65 s	50 s	50 s
Data rate				
Measurement	up to 10 Hz	up to 10 Hz	up to 100 Hz	up to 20 Hz
Position	up to 10 Hz	up to 10 Hz	up to 100 Hz	up to 20 Hz
Time accuracy	30 ns	20 ns	20 ns	20 ns
Speed accuracy	0.1 m/s	0.05 m/s	0.03 m/s	0.055 m/s
Wi-Fi	Yes	Yes	Yes	Yes
900MHz radio	Only Ti7-H+	No	No	No
Bluetooth	Yes	Yes	Yes	Yes
Mobile network	Optional	Optional	Optional	Optional



Strong aluminium frame for operation in all weather conditions.

DISPLAY DATA

Model	All models
Screen	LCD, 7", 265K colours, 1000 cd/m ² brightness, 400:1 contrast
Size	208 mm (W) × 159 mm (H) × 57 mm (L)
Resolution	800 × 480 pixels
User input	Touch screen Power button
Power	12Vdc, 1–10A
Interfaces	CAN: 2× rear USB: 1× rear RS-232: 2× rear
Temperature	Operating: -20°C a +60°C Storage: -30°C a +80°C
Protection	IP6X
Humidity	95% max.

WI-FI, BLUETOOTH AND 900MHZ

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)

3G/4G MOBILE NETWORK*

Technology	Bands
LTE	Band 1 (2100 MHz) Band 3 (1800 MHz) Band 7 (2600 MHz) Band 8 (900 MHz)
UMTS (WCDMA) HSDPA HSUPA	Band 1 (2100 MHz) Band 2 (1900 MHz) Band 5 (850 MHz) Band 8 (900 MHz)
GPRS EDGE	GSM 850 (850 MHz) EGSM 900 (900 MHz) DCS 1800 (1800 MHz) PCS 1900 (1900 MHz)

* Only available in versions with the mobile network module.

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 or follow [@HexAgriculture](https://twitter.com/HexAgriculture).