Ti10 Display

Developed with disruptive technologies and high processing capacity, Ti10 enables greater connectivity between field operations. With a friendly and easy to use interface, it is ideal for any type of operation and conditions of use and it's compatible with the most popular agricultural machines in the market. A single display may include several precision agriculture resources, according to the needs of each customer.

GNSS Receptor Data

	Ti10 Model 1	Ti10 Model 2
Module	Standard accuracy (Standard receiver)	Centimeter accuracy (NovAtel receiver)
Constellations	GPS, GLONASS, BeiDou, Galileo, QZSS, SBAS	GPS, GLONASS, BeiDou, Galileo, SBAS, QZSS, L-Band, NavIC*
Position accuracy	**Simple point:** 2,50 m CEP 50% **SBAS:** 2,00 m CEP 50% **PPP:**- **RTK:** - **Hot start:** 1 s **Cold start:** 26 s	**Simple point:** 1,20 m RMS **SBAS:** 0,60 m RMS **PPP:** TerraStar-L: 40 cm RMS | TerraStar C-Pro: 2,5 cm RMS **RTK:** 1cm + 1 ppm **Hot start:** <20 s **Cold start:** <34 s
Data rate	**Measurement:** 10 Hz **Position:** 10 Hz **Time accuracy:** 30 ns **Speed accuracy:** 0,05 m/s	**Measurement:** 20 Hz **Position:** 20 Hz **Time accuracy:** <5 ns RMS **Speed accuracy:** <0,03 m/s RMS

* Constellations depend on software activation

Display Data

	All models
Screen	LCD 10.1" 16M colors,1000 cd/m2 brightness, contrast 800:1
Size	250 mm (H) x 177 mm (W) x 47 mm (L)
Resolution	1280x800 (HD)
User input	Touch Screen Power Button
Power	12Vdc, 1-12 A
Interfaces	**CAN:** ×3 **USB:** x2 **RS-232:** ×2
Temperature	**Operating:** -20°C to +70°C **Storage:** -30°C to +80°C
Protection	IP66 and IP67

Connectivity

	Ti10 Model 1	Ti10 Model 2
Wi-Fi	Optional	Optional
900MHz Radio	Optional**	No
Mobile Network	Optional	Optional

** 900 MHz radio available only in Brazil

Sturdy aluminum case for operation in different weather conditions.

Mobile Network 3G/4G***

Tecnology	Bands
LTE (CAT3 and CAT4*)**	Band 1 (2100 MHz) Band 3 (1800 MHz) Band 7 (2600 MHz) Band 8 (900 MHz) Band 28 (700 MHz)
UMTS (WCDMA), HSDPA and HSUPA	Band 1 (2100 MHz) Band 2 (1900 MHz) Band 5 (850 MHz) Band 8 (900 MHz)
GPRS and EDGE	GSM 850 (850 MHz) EGSM 900 (900 MHz) DCS 1800 (1800 MHz) PCS 1900 (1900 MHz)

*** Only available on models with the mobile network module.

This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorised systems.

Wi-Fi and 900MHz

TX Frequency Range (MHz)	Output Max. Power (W)	Emission Designator	Technology	Modulation Type	Maximum Transmition Rate
902,0 - 907,5	0.9795	315KF7D	FHSS	GFSK	250 kbit/s
915,0 - 928,0					
2400 - 2483,5	0,0049	1M10F7D	FHSS	GFSK 1	1 Mbit/s
	0,0061	1M35G7D	FHSS	8DPSK	3 Mbit/s
	0,0073	720KG7D	DSSS	GFSK	1 Mbit/s
	0,3793	10M1X9D	DSSS 802.11b	DBPSK DQPSK CCK	11 Mbit/s
	0,2188	15M4X9D	CCK	BPSK QPSK 16-QAM 64-QAM	54 Mbit/s
	0,3614	15M2X9D	OFDM 802.11g	BPSK QPSK 16-QAM 64-QAM	72,2 Mbit/s (64-QAM)

About Hexagon

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Autonomy & Positioning division is pioneering end-to-end solutions for assured positioning for land, sea, and air. Its solutions power intelligent positioning ecosystems in vital industries and safety-of-life applications, enabling the advancement of the Autonomous X (cars, UAVs, industrial vehicles, trains, vessels, and more).

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,000 employees in 50 countries and net sales of approximately 5.2bn EUR. Learn more at hexagon.com and follow us @HexagonAB.

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