Display Ti7

The Displays is ideal for operations that require high precision in the execution or when you want to have the combination of two or more activities at the same time since it is possible to include all the precision agriculture resources in a single equipment

GNSS receptor data

	Ti7 Model 1	Ti7 Model 2
Module	Standard Accuracy (Standard Receiver)	Centimeter-level Accuracy (NOVATEL Receiver)
Constellations	GPS, GLONASS, BeiDou, Galileo, QZSS, SBAS	GPS, GLONASS, BeiDou, Galileo, SBAS, QZSS, L-Ban, 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

*Depends on software activations

Display data

	All models
Screen	LCD, 7", 265K colours, brightness 1000 cd/m2 e contrast 400:1
Size	208 mm (W) × 159 mm (H) × 57 mm (L)
Resolução	800 × 480 pixels
User Inputs	Touch Screen Power button
Power	12Vdc, 1-10 A
Interfaces	**CAN:** ×2 Rear **USB:** x1 Rear **RS-232:** ×2 Rear
Temperature	**Operating:** -20°C to +60°C **Storage:** -30°C to +80°C
Protection	IP64
Humidity	95% max.

Conectivity

	Ti7 Modelo 1	Ti7 Modelo 2
Wi-Fi	Optional	Optional
900MHz Radio	Optional**	No
Mobile Network	Optional	Optional

** 900 MHz Radio Technology available only in Brazil

Sturdy aluminum enclosure for operation in different weather conditions.

3G/4G Mobile Network***

Technology	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)

*** Different 3G/4G bands may be available in some countries
**** Only available in versions with the mobile network mod

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

Wi-Fi and 900MHz

TX frequency range (MHz)	Output max. power (W)	Emission designator	Technology	Modulation type	Maximum transmission rate
902,0 - 907,5 (only in Brazil)	0.9795	315KF7D	FHSS	GFSK	250 kbit/s
915,0 - 928,0					
2400 - 2483,5	0,0049	1M10F7D	FHSS	GFSK	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	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)

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, and quality across industrial, manufacturing, infrastructure, safety, and Mobility applications.

Hexagon's Agriculture division provides technologies that convert data into intelligent information that enables smart planning, efficient execution, precise machine controls and automated workflows that optimise operations and increase profits.

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

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

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