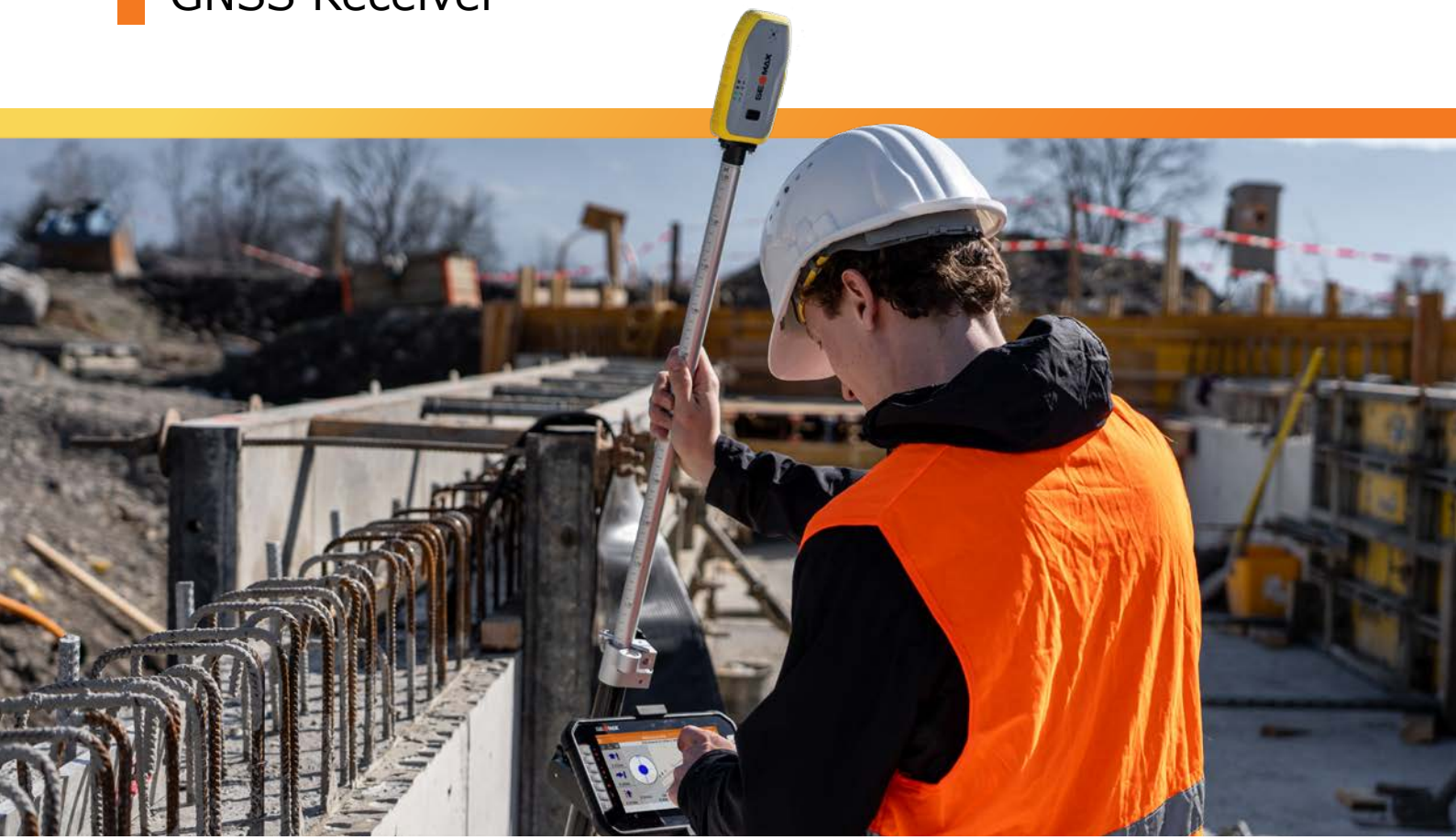
Works when you do

Zenith06 Pro

GNSS Receiver



Tilt Compensation

- Measure fast and flexibly without levelling the pole.
- Secure reliable results quickly and access difficult points for overall productivity gains.

X-PAD Software Integration

- Benefit from X-PAD field software tools that make the most common GNSS positioning tasks easier.
- Streamline your digital workflow from site to office and the cloud.

Portability and Durability

- Master long days in the field with our most compact and lightweight GNSS smart antenna.
- Work confidently across challenging construction environments thanks to the durable build.

Scan to learn more about the **Zenith06 Pro**

geomax-positioning.com

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Zenith06 Pro

Tilt easy, measure fast



The Zenith06 Pro is an easy-to-use and compact GNSS smart antenna with tilt compensation that offers professional-grade positioning accuracy in the field. Get reliable results quickly and gain access to difficult points for overall productivity gains.

Fully integrated with user friendly X-PAD Ultimate field software, the Zenith06 Pro streamlines your workflow, making construction tasks like stake-out, grade checking, and data collection faster and easier.

Supported by GeoMax's exceptional customer support and service, it's a reliable and accessible instrument to limit downtime and enhance your performance.

RECEIVER SPECIFICATIONS	
Measurement Engine	184 channels, dual-frequency, multi-constellation
GPS tracking	L1 C/A, L2C
GLONASS tracking	L1OF, L2OF
Galileo tracking	E1 B/C, E5b
BeiDou tracking	B1I, B2I
QZSS tracking	L1 C/A, L2C
SBAS tracking	L1
Positioning rate	10 Hz
Initialisation time	typ. 8 sec
QUALITY MODE	
Tilt Compensation	Calibration-free, resistant to magnetic interferences
RECEIVER ACCURACY AND PERFORMANCE *	
RTK	Hz: 2 cm + 1 ppm V: 3 cm + 1 ppm
Tilt compensated real-time kinematic	Additional Hz uncertainty 2 cm up to 30° tilt
GNSS Initialisation	Cold start: 24 sec Reacquisition: 2 sec
INTERFACES	
Keyboard	On/off button
LED status indicators	Bluetooth, RTK, position, battery

COMMUNICATION	
Cellular modem	Controller internal
Bluetooth®	BT4.2 LE
Communication port	USB Type C
RTK data protocols	RTCM 3.0, RTCM 3.1, RTCM 3.2, RTCM 3.3, RTCM MSM
PHYSICAL SPECIFICATIONS	
Dimensions	139 mm x 80.6 mm x 30.6 mm
Weight	340 g
Operating temp.	–40°C to +65°C
Environmental protection	IP67 water- and dustproof
Humidity	Rarely and slightly condensing. ISO 9022-12-04 (+65°C, 92%, 62 h)
Vibration	Withstands strong vibration. ISO 9022-36-03-0
Shock	Withstands a 1.2 m drop onto a hard surface
POWER SUPPLY	
Internal battery	Li-Ion 3.8 V / 6.12 Ah
Operating time	> 20 h

* Measurement precision, accuracy, reliability and time for initialisation are dependent upon various factors including number of satellites, observation time, atmospheric conditions, multipath etc. Figures quoted assume normal to favourable conditions.

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