



**X-53i**  
3D INDICATE CONTROL  
FOR EXCAVATORS



**GX-55 Specifications**

Supply Voltage	9 to 32 VDC
Ports	2x USB Ethernet RS-232 2x CANBus 2x Digital inputs
Display Panel	640x480 Color VGA, enhanced brightness with analog touchscreen
Operating System	Windows® CE
Operating Temp	-40°C to 70°C
Weight	1.26 kg with backpack 1 kg without backpack

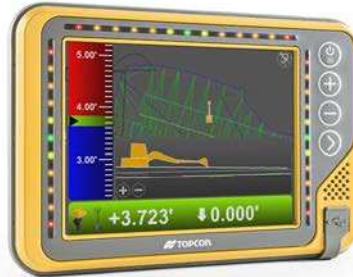
**MC-i4 Specifications**

Supply Voltage	9 to 32 VDC
GNSS	Single or Dual
Ports	RS232 RS232/RS485 10/100 Ethernet CAN J1939 CAN J1939 / CANOPEN
Connectors	Deutsch DTM06 12 pin (power, ground, serial) Deutsch DTM06 12 pin (Ethernet and CAN) RP-TNC (cellular radio) RP TNC (LPS, or WiFi, or UHF radio (optional)) 2x TNC for GNSS (optional)
Shock	25 g, 11 ms, any axis
Weight	1 kg
Dust/Water Rating	IP67

**TS-1 Specifications**

Supply Voltage	10 to 30 VDC
Resolution	.01 Degree
Protocol	CAN-Open
Sensor	Solid state, 3-axis, 360
Housing	Powder-coated aluminum
Dust/Water Rating	IP67

## 3D Indicate Control Excavator System



- Cut grade fast and accurately
- Cut flat, vertical and 3D surfaces
- Fully upgradeable
- Improves job safety
- Lightbar grade guidance and built-in audible alarms

### Track every movement

This trim 3D excavator system provides modern tools when excavating complex slopes or even while working “in the blind.” Bucket movement is tracked in real time, delivering key information to reach grade repeatedly.

### Software driven

The purpose-built X-53i system allows you to work independently – the software quickly directs you to centerlines and guides your bucket to grade. Keep your schedule on track and streamline tasks.

### Armed with intelligence

With integrated GNSS technology, a bright and clear touchscreen control box, and innovative tilt sensors – the X-53i system saves time, facilitates common tasks and movements while improving safety daily. Eliminate over-excavation while reaching the target grade with precision.

### MC-i4

Mounted inside the machine to prevent damage, this versatile GNSS receiver allows for multiple communication options.



### TS-1 / TS-i3

Tilt sensors are mounted along the bucket, stick, boom, and body for complete bucket control at any angle.



For more information:  
[topconpositioning.com/x-53i](http://topconpositioning.com/x-53i)

Specifications subject to change without notice.  
©2016 Topcon Corporation All rights reserved.  
7010-2187 A 1/16

# 5D

Solutions, Inc.