



LPS PAVER

3D CONTROL FOR
CONCRETE PAVING





Precision and speed on every pour

- Robotic total station control – constant tracking from multiple instruments
- Continuous paving
- Expanded paving applications
- Uninterrupted radio communication with MC-i4 using LongLink™ technology

PS Robotic Total Station	
Prism EDM Range	6,000 m
Prism EDM Accuracy	1.5 mm + 2 ppm
Non-Prism Range	1,000 m
Non-Prism Accuracy	2 mm + 2 ppm (0.3 - 200 m)
Measuring Time	Fine: 0.9 sec Rapid: 0.6 sec Tracking: 0.4 sec
MC-i4 Receiver	
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 (LongLink, or Wi-Fi, or UHF radio (optional)) 2x TNC for GNSS (optional)
Shock	25 g, 11 ms, any axis
Weight	1 kg
Dust/Water Rating	IP67

Complex paving, ultimate control

Our LPS paver system delivers the most accurate data to your paver's control system, without interruption. This sub-centimeter solution confidently communicates through multiple PS Robotic Total Stations to an on-board MC-i4 receiver via high-strength Bluetooth® LongLink technology.

Max out your productivity

The exclusive 3D-MC software in the LPS paver system connects with all active total stations and easily switches to the optimal and already locked-on robot as needed – so the paver is always online and on grade without stopping.

Stringless operation

- Eliminates areas of difficult set up or broken sections
- Work in tight corridors where truck access is limited or traffic control is a problem

Land more jobs – airports, bridges, freeways and more

- Confidently bid jobs knowing that by using optical 3D control you can get the job done to specifications



For more information:
topconpositioning.com/lps

Specifications subject to change without notice.
©2017 Topcon Corporation All rights reserved.
7010-2221 A 3/17

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Topcon is under license. Other trademarks and trade names are those of their respective owners.