



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

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7010-2221 A 3/17

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