

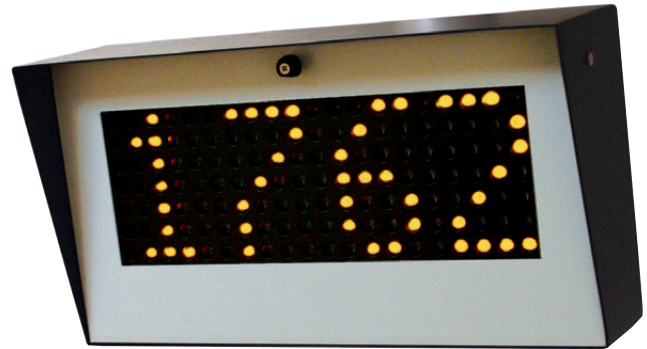
Variable Message Signs (VMS)

PRODUCT DESCRIPTION

The Variable Message Sign (VMS) product range is designed to be used in conjunction with Nortech's NCT200 counter modules to monitor and display count values such as the number of available spaces in a car park. The VMS displays this information to visitors at suitable locations. Its large 4-digit, LED display panel housed in an outdoor enclosure provides clear visibility.

Up to eight VMS's can be connected on a single RS485 bus to display different count values. The count value that a VMS displays is selected by setting an associated node number on its DIP switches. More than one VMS unit can be set to display the same count value. There is a choice of red or yellow LED colours.

The LED intensity can be set to one of four levels via the NCT200 module to accommodate different ambient lighting conditions.



FEATURES

- Large 4-digit LED display (10cm high characters)
- Available spaces or visitor attendance display
- Full/count value display options for count values of less than 1.
- Outdoor enclosure
- Low voltage operation
- Tilt/pan mounting brackets included
- Up to 8 VMS's can be connected to a single counting module
- Fully compatible with NorParc and VenueMaster Count Management Software
- Choice of LED colours

SPECIFICATIONS

Electrical

Supply Voltage:	9 to 24V DC
Current Requirement:	250mA @ 12 volts

Physical

Display:	20 x 7 LED matrix giving 4 character display (choice of yellow or red)
Viewing angle:	20° each side of centre
Housing:	Black powder coated Zintec
Dimensions (mm):	380 x 205 x 120 (W x H x D)
Display adjustments:	4 brightness levels selectable via NCT200 module
Mounting:	Options for mounting directly on a flat surface or by using brackets (included) to enable tilt adjustment for wall mounting and both tilt and pan adjustment for pole mounting (3" diameter).
Cable Termination:	Plug-in screw terminal blocks

Operation

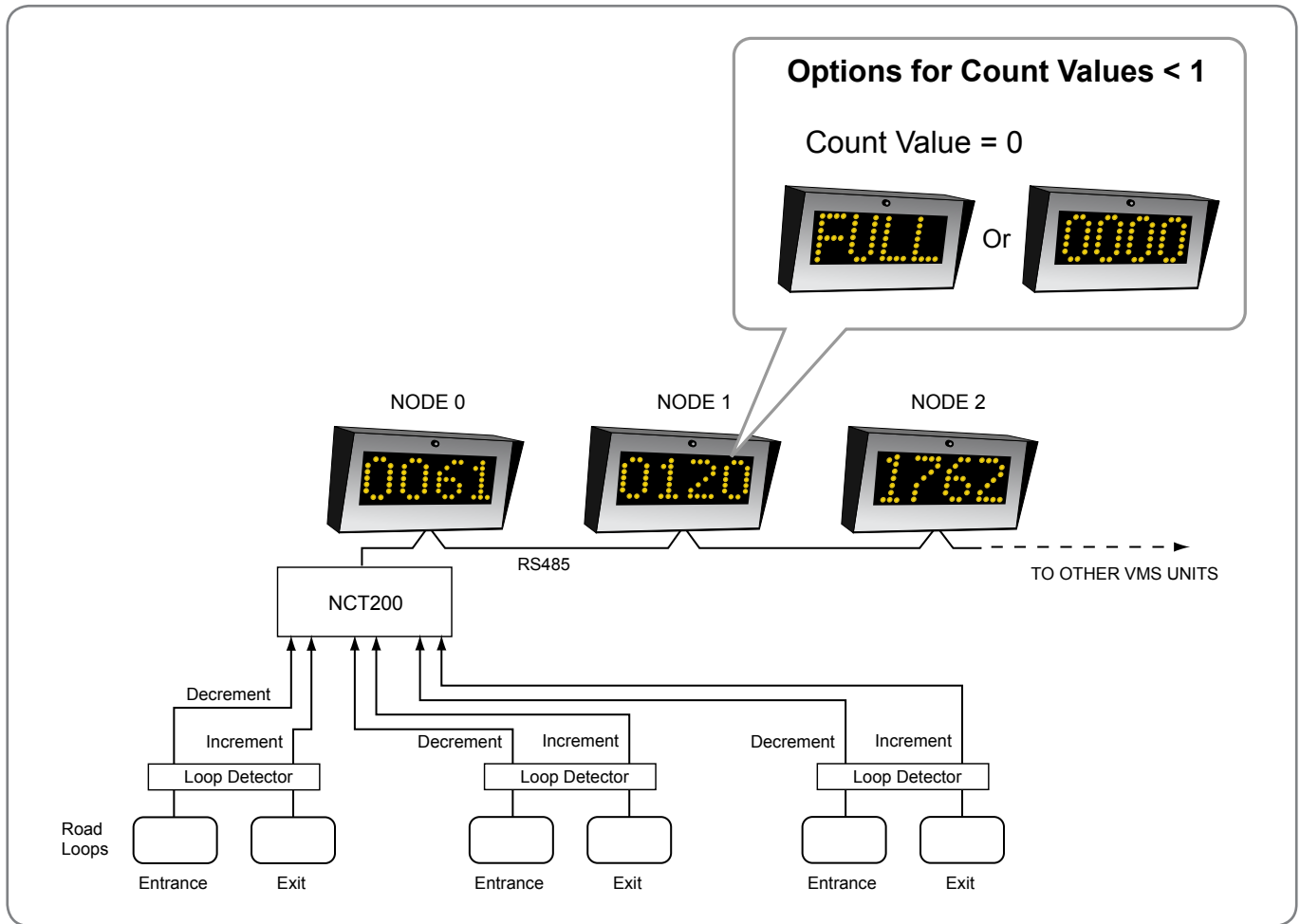
Counting capacity:	-999 to 9999
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Inputs

Count Bus:	RS485 bus from an NCT200 counter module delivering up to 8 count values. The count value that is displayed is controlled by the node setting on DIP switches.
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Example Parking Application



Ordering Information

- VMS-001-R** LED sign with 10cm high characters capable of displaying 4-character numeric value or 'FULL' when count = 0 or below. Controlled by NCT200 via RS485 bus. All red LED's.
- VMS-001-Y** LED sign with 10cm high characters capable of displaying 4-character numeric value or 'FULL' when count = 0 or below. Controlled by NCT200 via RS485 bus. All yellow LED's.
- VMS-002-R** LED sign with 10cm high characters capable of displaying 'OPEN' or 'FULL'. Controlled by NCT200 via RS485 bus. All red LED's.
- VMS-002-Y** LED sign with 10cm high characters capable of displaying 'OPEN' or 'FULL'. Controlled by NCT200 via RS485 bus. All yellow LED's.
- VMS-003-R** LED sign with 10cm high characters capable of displaying 'SPACE' or 'FULL'. Controlled by NCT200 via RS485 bus. All red LED's.
- VMS-003-Y** LED sign with 10cm high characters capable of displaying 'SPACE' or 'FULL'. Controlled by NCT200 via RS485 bus. All yellow LED's.

Compatible Products

- NCT200** 4-channel counter module
- NorParc** Car Park Counting Management System
- VenueMaster** Venue Count Management System