

NO: NT-096 **PRODUCT:** NV3Q-MR Touchscreen HMI
DATE: April 2016 **TYPE:** Modification Notice

The Display in NV3Q-MR Series of Monochrome HMIs will be Modified, Changing from STN to TFT

Effective date: End of June 2016 production

Reason for modification: To make the display easier to read, Omron will replace the current STN display with a TFT display.

This improvement will not affect the way the NV3Q-MR HMI is programmed or mounted in equipment. Applications developed on the current NV3Q-MR HMI will continue to run without any need for modification on the new version with the TFT display.

Affected Parts

Models
NV3Q-MR21
NV3Q-MR41



NV3Q Monochrome STN



- Display colors : 2 colors
- 320 x 240 dots
- Backlight : LEDs, 3 colors (white, pink, and red)

Detail of Differences

Appearance

Current Device	Appearance after June 2016
<p>Change of display device; STN monochrome LCD</p> <p>Change of effective display size; 71.0x53.3mm</p> 	<p>Change of display device; TFT monochrome LCD</p> <p>Change of effective display size; 70.6x52.9mm</p>  <ul style="list-style-type: none"> • Visibility is improved by change to "TFT". • The existing screen data can be used directly.

New Display Specifications

Model	NV3Q-MR21	NV3Q-MR41
Display type	TFT- monochrome	TFT- monochrome
Display size (resolution)	3.6-inch (320 x 240 pixels)	3.6-inch (320 x 240 pixels)
Backlight	3 colors (white/pink/red)	3 colors (white/pink/red)
Communication port	RS-232C	RS-422/RS-485
Supply voltage	24 VDC	24 VDC

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.