



NO: LC-044 **PRODUCT:** VS6500 Series
DATE: February 2015 **TYPE:** Discontinuation Notice

The VS6500 Light Grids will be Discontinued Effective September 30, 2015, Replace with F3EM2/F3ET2 Series

New Systems: Orders for complete VS6500 systems will not be accepted after September 30, 2015.

Spare Parts: Orders for VS6500 spare parts will be available until September 30, 2016 or until components are no longer available.

Repairs: Subject to component availability; we will repair products through December 31, 2017. For repairs, please contact Omron STI at 510-608-3522.

Affected Product

VS6500-M5 Series	VS6500-M10 Series	VS6500-0.25 Series	VS6500-0.50 Series	VS6500-0.75 Series
VS650120-M5-xxxx...				
VS650240-M5-xxxx...		VS650006-0.25-xxxx...		
VS650360-M5-xxxx...	VS650320-M10-xxxx...	VS650012-0.25-xxxx...		
VS650480-M5-xxxx...		VS650018-0.25-xxxx...		
VS650600-M5-xxxx...	VS650640-M10-xxxx...	VS650024-0.25-xxxx...	VS650024-0.50-xxxx...	VS650024-0.75-xxxx...
VS650720-M5-xxxx...		VS650030-0.25-xxxx...		
VS650840-M5-xxxx...				
VS650960-M5-xxxx...	VS650960-M10-xxxx...	VS650036-0.25-xxxx...	VS650036-0.50-xxxx...	VS650036-0.75-xxxx...
VS651080-M5-xxxx...		VS650042-0.25-xxxx...		
VS651200-M5-xxxx...	VS651280-M10-xxxx...	VS650048-0.25-xxxx...	VS650048-0.50-xxxx...	VS650048-0.75-xxxx...
		VS650054-0.25-xxxx...		
	VS651600-M10-xxxx...	VS650060-0.25-xxxx...	VS650060-0.50-xxxx...	VS650060-0.75-xxxx...
		VS650066-0.25-xxxx...		
		VS650072-0.25-xxxx...	VS650072-0.50-xxxx...	VS650072-0.75-xxxx...
		VS650078-0.25-xxxx...		
		VS650084-0.25-xxxx...		
		VS650090-0.25-xxxx...		
		VS650096-0.25-xxxx...	VS650096-0.50-xxxx...	VS650096-0.75-xxxx...

GREEN highlighted blocks in the above chart indicate we should be able to provide a transmitter & receiver with similar beam spacing, length and range. Outputs for these replacement parts are only offered with NPN/PNP discrete outputs or analog outputs.

RED highlighted blocks in the above chart indicate that the beam spacing is greater than our replacement product's beam spacing, and also the sensing range is longer. We still may be able to recommend a functional replacement.

Functional Replacement Product

Direct replacements for VS6500 series are not available. Light Grid series F3EM2 with analog outputs and F3ET2 with discrete outputs are the best replacement options for the VS6500 non-safety light grids. Omron Automation and Safety has some other potential functional replacement parts, but to ensure that our customers receive product that meets their needs, it is advised that customers talk with Omron technical support to reevaluate their application and confirm the recommended replacement will meet their requirements.

Please call Omron Technical Support for assistance in selecting a replacement product for your application at **1-800-556-6766**. A full selection of Omron sensors can also be found online at <http://www.omron247.com>

F3ET2, F3EM2 Features and Benefits

- Simple setup with selector (dip) switches rather than having to learn a new computer software
- Optical beam synchronization between transmitter and receiver to reduce wiring
- NPN/PNP and Light-On /Dark-On selectable means more product versatility and less part numbers to stock
- Wide variety of light grid heights with two options for beam pitch (5 mm or 18 mm) as well as either 3 m or 15 m sensing distances to meet the needs of a large variety of applications.
- Utilizes common M12, 5-pin connectors
- Mounting brackets included with light grids
- IP65 rated

- **F3ET2 models with Discrete Output:**
NPN/PNP and Light-ON / Dark-ON selectable

- **F3EM2 models with Analog Output:**
0~10 VDC (12 bits) output for approximate height detection

Because of the many model combinations with different beam pitch and measurement ranges, Omron is not stocking the F3EM2 or F3ET2 series light grids. Typical lead time is four to six weeks.

Reference Documentation

Refer to the following data sheets to compare specifications and capabilities between discontinued VS6500 and recommended replacement F3EM2 and F3ET2 series.

Description	Media	Publication number
VS6500 Data Sheet	PDF	http://www.stiscanners.com/pdf/4100.pdf
F3ET2 Data Sheet	PDF	P73I-E-01
F3EM2 Data Sheet	PDF	P74I-E-01
F3ET2 Operation Manual	PDF	E79E-EN-01
F3EM2 Operation Manual	PDF	E77E-EN-01