

PRODUCT UPDATE -

# EM1300

Product part number: EM1300V2-GD  
OEM Scan Engine



## Reason for change

Changing MCU to enable Newland to resume normal production schedules.

*Description: EM1300 1D CCD scan engine, Superior, 2.500 px (CCD), All-in-one housing, Processor, TTL232 interface with FFC (flexible flat cable).*

### New part number and description:

**EM1300V2-GD** 1D CCD scan engine, Superior, 2.500 px (CCD), All-in-one housing, Processor, TTL232 interface with FFC (flexible flat cable).

## Summary of changes

**Model Changes:** From EM1300V2-F to EM1300V2-GD

**Hardware Changes:** The CPU model is changed, and the corresponding power consumption is adjusted.

**Software Changes:** For the new CPU, please note that the old and new firmware are not compatible. Old versions remaining in the field or back in through the RMA process must be handled using the correct firmware for each version.

	Previous version: EM1300V2-F	New version: EM1300V2-GD
<b>Product information</b>		
Form Factor and Housing	SAME	SAME
Firmware Version	EM1300_V2.22.037.2031	EM1300_V4.IM601.ST.T01.1
Operational Power Consumption (typical/max)	57mA/89mA	57mA/89mA

**NOTES:** User manuals, 3D files, cable selections, default parameters, packaging and warranty remain the same from EM1300V2-F to EM1300V2-GD. Although the Software and configuration paths are different the codes from the user manuals and any printed manuals created for the old EM1300V2-F are compatible with the new EM1300V2-GD.

If you have any questions or concerns regarding these changes, please let us know.



Hans Chen  
VP Product Management



Dieter Reuter  
Business Development Manager OEM