

# DM2-W101G

## IEI's Next Generation Industrial Monitor

- Front OSD, easy access for panel parameter adjustment
- Speakers positioned at the front, ensuring clear sound delivery even in panel mount
- Supports gloved operation and waterproof protection
- Built-in camera, ideal for AI facial recognition
- USB 3.2 Gen1 Type-A supports 10W
- IP65 compliant front panel with aluminum frame
- Anti-glare and anti-UV PCAP



[www.ieiworld.com](http://www.ieiworld.com)



# DM2-W101G

The DM2 series LCD monitor is the latest member of IEI's line of sophisticated LCD designs with flat bezel. It is designed to fit industrial automation. The flat front panel provides IP65 protection, which effectively wards off dust and water. Flexible analog or digital interfaces are provided for ease of connection with a management computer.



## Front-accessible OSD

The front-accessible OSD lets you easily control brightness, volume, and power on/off.



## Anti-glare and Anti-UV PCAP

With anti-glare and anti-UV coating, the 10-point touchscreen can display clearly without reflection.



## Built-in Camera

The DM2 series, equipped with a built-in camera, is perfectly suited for AI facial recognition applications.



## Support HDMI, VGA, DP

The DM2 series offers different display interfaces, such as HDMI, VGA, and DP, to suit various requirements.



## IP65 rated front panel protection

With the IP65 front panel protection rating, this series is more durable and rugged, ensuring reliable operation in harsh industrial environments.

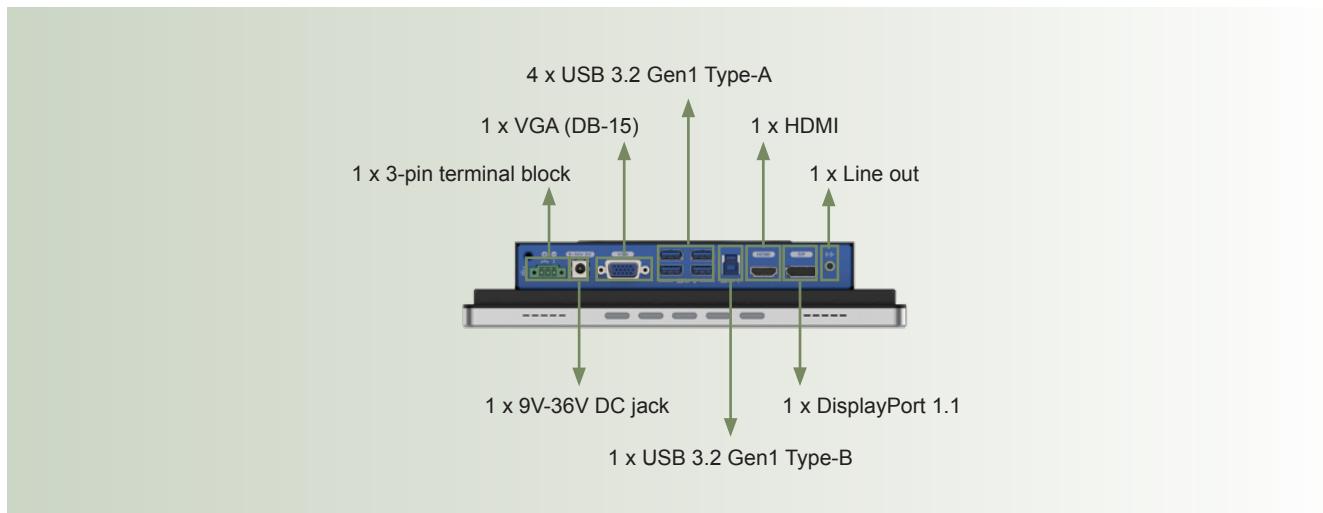


## Front Speakers

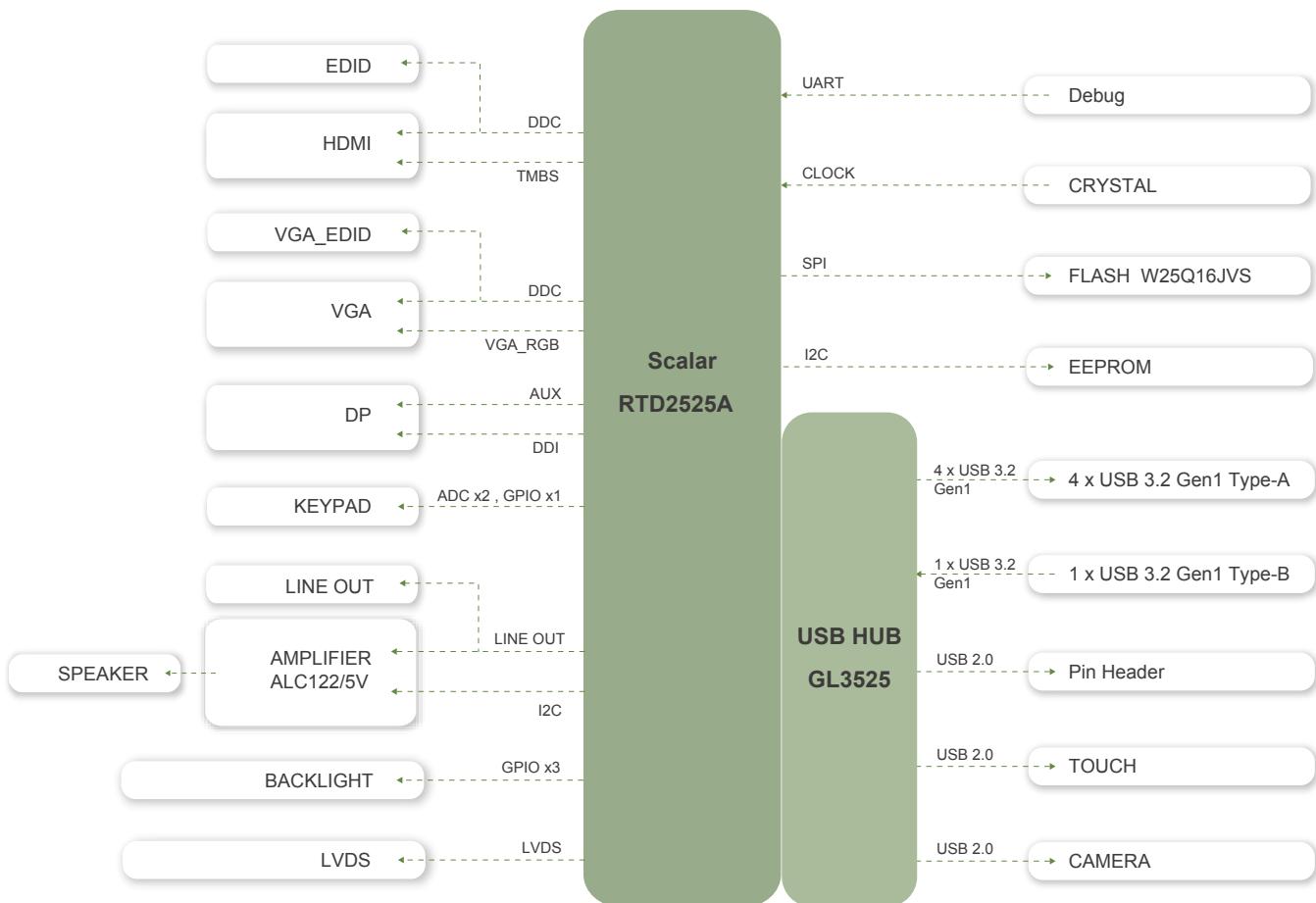
The speakers are positioned at the front to guarantee clear sound delivery, even when panel-mounted.

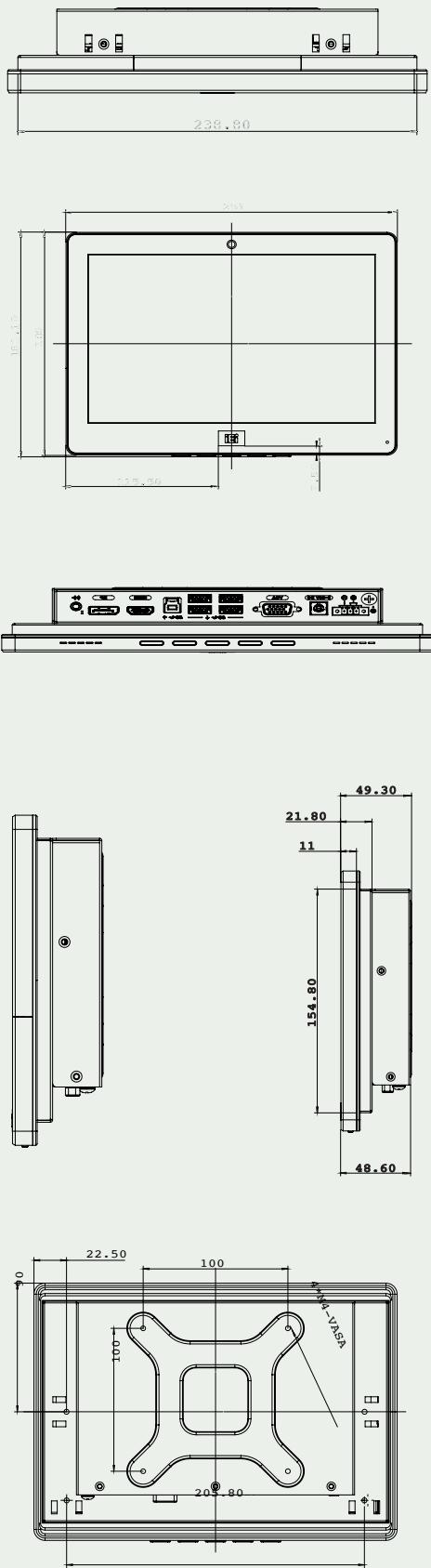


## Fully Integrated I/O



## Block Diagram



**Dimensions (Unit: mm)****Specifications**

Model Name	DM2-W101G(L)
LCD Size	10.1" (16:10)
Brightness (cd/m <sup>2</sup> )	400
Max Resolution (W-H)	1280x800
Contrast Ratio	800 : 1
LCD Color	16.7M
Viewing Angle (H-V)	178°/178°
Backlight MTBF (hrs)	30000
Touch Screen	10-point projected capacitive touch window (anti-UV, anti-glare surface)
Touch Controller	Capacitive: ilitek(optical bonding)
I/O Ports and Switches	1 x VGA (DB-15) 1 x Line out 1 x HDMI 1 x DisplayPort 1.2 1 x USB 3.2 Gen1 Type-B 1 x 9V-36V DC jack 4 x USB 3.2 Gen1 Type-A * 1 x 3-pin terminal block
OSD Keypad	5-key membrane OSD keypad
Camera	720P Wide Angle Fixed Focus*
Speaker	2 x 2W AMP (internal speaker)*
Construction Material	Aluminum front frame and sheet metal rear cover
Mounting	Panel mount, VESA 100
Enclosure Color	Black+Silver
Dimensions (LxWxH) (mm)	251 x 180.95 x 49.30
Cutout Dimensions (mm)	241.80 x 157.80
Operating Temperature	-20°C ~ 60°C (with air flow)
Storage Temperature	-20°C ~ 60°C
Humidity	10% to 95%@40°C (non-condensing) (50%@60°C)
Vibration	MIL-STD-810F 514.5C-1
Shock	Operating:Half-sine wave shock 5G; 11ms; 100 shocks per axis No-operating:Half-sine wave shock 15G; 11ms; 100 shocks per axis
IP Level	IP65 compliant front panel
Safety & EMC	CE/FCC Class B
Power Input	9~36V DC
Weight (Net/Gross)	1.52kg / 2kg
Power consumption	12V@4.4A / 12V@1.1A(Lite Version)

\* L (Lite) without Camera, Speaker, USB-A x 4

**Ordering Information**

DM2-W101G-R10	10.1" 400 cd/m <sup>2</sup> 1280 x 800 monitor, VGA, HDMI, DisplayPort, with USB 3.0 HUB, USB PC touch screen, 9 ~36V DC input, Speaker, Camera, R10
DM2-W101GL-R10	10.1" 400 cd/m <sup>2</sup> 1280 x 800 monitor, VGA, HDMI, DisplayPort, USB PC touch screen, 9 ~36V DC input, Lite, R10

**Packing List**

Item	P/N	Q'ty	Remark
USB Cable	32001-032200-100-RS	1	USB 3.0 Type-A Male to Type-B Male cable, 100 cm
3-pin Terminal Block	33502-000188-RS	1	/
VESA Screws	44033-040062-RS	4	M.4
Panel Mount Kit	19XM0SFE0-0004601-000-RS 19XM0SFE0-0004602-000-RS	4 2	/

**Options**

Item	Part No.
Stand	STAND-C19-R10,STAND-A21-R10
Wall Mount	AFLWK-19B
Power Adapter	63040-010096-050-RS (96W) 63040-010060-200-RS (60W) (Lite Version)
Power Cord	32702-003600-100-RS