

Best solution for food, chemical and pharmaceutical industries

# The ISDM series

from Esis Pty Ltd  
02 9481 7420



### Feature

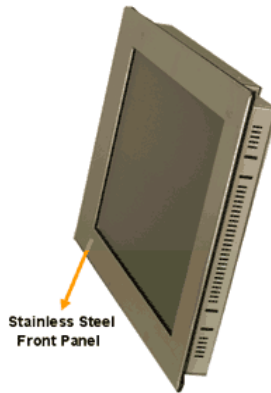
1. IP 65 compliant Stainless Steel front panel
2. Optional RS-232 or USB interface touch screen
3. Fully integrated OSD functions
4. Over 300cd/m2 bright and 50000hrs
5. MTBF long lifetime panel
6. Support both Analog VGA and DVI interfaces
7. M models support 9~36V DC power input for mobile application
8. Robust chassis and retention kit structure for shocking and vibration requirement

<a href="#">ISDM-084G Photo</a>	<a href="#">ISDM-104G Photo</a>	<a href="#">ISDM-121G Photo</a>	<a href="#">ISDM-150G Photo</a>	<a href="#">ISDM-170G Photo</a>	<a href="#">ISDM-190G Photo</a>
<a href="#">Dimension</a>		<a href="#">Datasheet</a>		<a href="#">Ordering Information</a>	

### ISDM Series Features

Best solution for food, chemical and pharmaceutical industries

Stainless steel can resist corrosion in most acids, alkaline solutions, and chlorine bearing environments, properties which are utilized in process plants. In addition, the easy cleaning ability makes it the first choice for strict hygiene conditions, such as hospitals, kitchens, abattoirs and other food processing plants.



Pharmaceutical Factory



Abattoirs



Food Processing Plants

### Support both analog VGA and DVI input

Optional: CB-DVI-D DVI-D(M) to DVI-D(M) Length:200cm

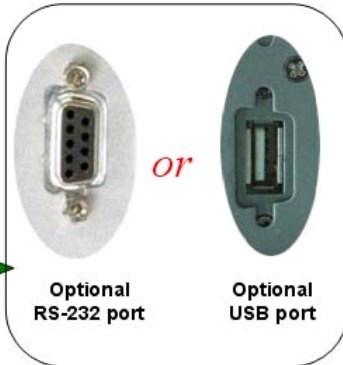


### Support 9~36V DC power input for mobile application

Factories and mobile environment such as cars and engineer vehicles usually use not only 12V but also 24V DC as power source, 9~36V power input solution could adapt more appliance requirement.

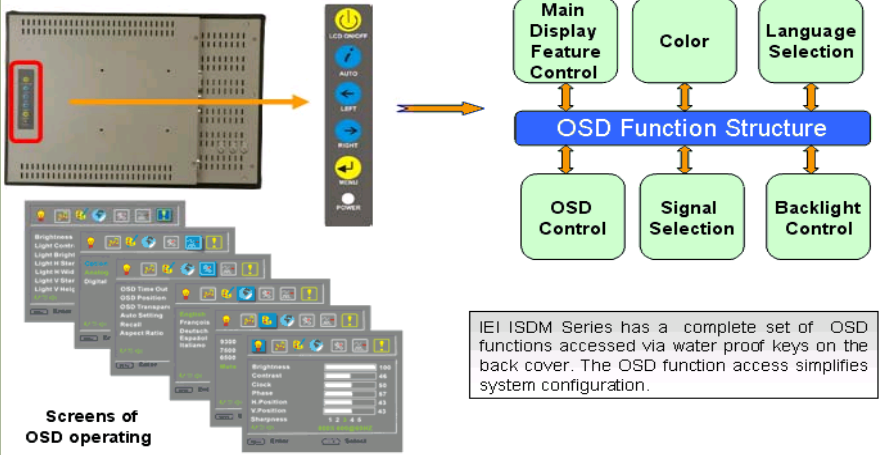
### Optional RS-232 or USB interface touch screen

ISDM series provides RS-232/USB reserved port for touch screen. IEI ISDM provides T-R model with high strength Fiber Glass Touch Screen for appliances.



▲TOP

**ISDM Series Features**



IEI ISDM Series has a complete set of OSD functions accessed via water proof keys on the back cover. The OSD function access simplifies system configuration.

TOP

**ISDM Series Features**



Model	ISDM-084G	ISDM-104G	ISDM-121G	ISDM-150G	ISDM-170G	ISDM-190G
LCD (inches)	8.4	10.4	12.1	15	17	19
Brightness (cd/m <sup>2</sup> )	450 / 220	400 / 230	400	350	300	300

**High Brightness Panel**

Out-door applications are usually required by high brightness environments. The luminance will be reduced by touch screen to protection lens on the panel. The typical panels which are usually lower than 200 cd/m<sup>2</sup>, ISDM series use the high brightness panel (more than 300 cd/m<sup>2</sup>) to fit specific requirements.

TOP

**IP 65 Compliant Front Panel**

IEI ISDM series have been fully tested in our UL50 certified laboratory and confirmed the IP65 specification. IP65 standard is the highest dusty, water and oil proof level in ground usage, it absolutely prevent any micro-particle into the system from front panel, and let the system adapting harsh environment.

**IEI UL50 certified laboratory**

To demonstrate that system products the waterproof performance of the front panel.







Flow Measurement



Waterproof house

TOP

**IQ Mount Supporting List for ISDM Series**

	8.4"	10.4"	12.1"	15"	17"	19"
	<b>ISDM-084GS</b>	<b>ISDM-104GS</b>	<b>ISDM-121GS</b>	<b>ISDM-150GS</b>	<b>ISDM-170GS</b>	<b>ISDM-190GS</b>
 <b>Panel</b>	PK-084M	PK-104M	PK-121M	PK-150M	PK-170M	PK-190M
 <b>Wall</b>	WK-084MS-R10	WK-104MS-R10	WK-121MS-R10	WK-150MS-R10	WK-170MS-R10	WK-190MS-R10
 <b>Stand</b>	STAND-100-RS	STAND-100-RS	STAND-100-RS	STAND-200-RS	STAND-200-RS	STAND-200-RS
 <b>Arm</b>	ARM-11-RS	ARM-11-RS	ARM-11-RS	ARM-33-RS	ARM-33-RS	ARM-33-RS

TOP

## ISDM Series Specification (1)

Model	ISDM-084G	ISDM-104G
LCD Size	8.4"	10.4"
Input Interface	Analog VGA	
Max Resolution	800 x 600	800 x 600
Brightness (cd/m <sup>2</sup> )	220 / 450	230 / 400
Contrast	500:1	500:1
LCD Color	262k	262k
View Angle (H/W)	130/110 ; 120/100	120/100
Pixel Pitch (mm)	0.213	0.264
Font Frame	Stainless Steel	
Chassis	Heavy-duty Steel	
OSD Function	Yes	
Power Supply	12VDC or 9 ~ 36VDC (optional)	
Power Adapter	25W, 63000-UP0251E12PL02-RS	
Mounting	Panel/Wall/Arm(100x100)/Stand	
Operating Temperature	0 ~ 50°C	
Front Panel Protection	IP65 Compliant	
Dimension (W x H x D) (mm)	244 x 178 x 49	312 x 242 x 52.1
N/G Weight	2.3kg	3.4kg

▲TOP

## ISDM Series Specification (2)

Model	ISDM-121G	ISDM-150G	ISDM-170G	ISDM-190G
LCD Size	12.1"	15"	17"	19"
Input Interface	Analog VGA + DVI-D			
Max Resolution	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m <sup>2</sup> )	400	350	300	300
Contrast	500:1	400:1	500:1	700:1
LCD Color	262k	262k	1.62M	1.62M
View Angle (H/W)	140/110	120/100	140/130	140/130
Pixel Pitch (mm)	0.3075	0.297	0.264	0.294
Font Frame	Stainless Steel			
Chassis	Heavy-duty Steel			
OSD Function	Yes			
Power Supply	12VDC or 9 ~ 36VDC (optional)			
Power Adapter	45W, 63000-UP451E12P81L-RS			
Mounting	Panel/Wall/Arm(100x100)/Stand			
Operating Temperature	0 ~ 50°C			
Front Panel Protection	IP65 Compliant			
Dimension (W x H x D) (mm)	340 x 260 x 58	410 x 309 x 63.2	452 x 356 x 63.2	482.6 x 399 x 71.6
N/G Weight	4.4kg	6.6kg	9.2kg	10.75kg

▲TOP