PANEL MOUNT (Metal-5mm) LCD MONITOR

Panel Mount (Metal-5mm), 8.4" LCD Monitor, 800x600, 350nits,
Side OSD, including rear screw/VESA Mount
with Capacitive Touch and USB Controller

Integrated LCD controller board
with Video input HDMI x1, Display port x1, VGA x1
Audio 2W x2, 12V Power input with External Power adapter.

Model: EPM840-TC-DA10

FEATURES:

- Mechanical design is modularized, offering flexibility in product configuration and facilitating easy maintenance.
- An optional built-in touch screen enhances interactive applications.
- Equipped with an auto-brightness sensor, it adapts for use during both day and night.
- The VGA connector includes optional AV, SV, and AV-Looping functionalities.
- Custom design solutions are available for OEM customers seeking tailored products.

SPECIFICATIONS:

Cell Type	TFT LCD
Glass Surface	Black Anti-Glare, low reflection coating
Aspect Ratio	4:3
Size	8.4" viewable diagonal area
Active Area	171.8(H) x 129.2(V) mm
Pixel Pitch	0.213(H) x 0.213(V) mm
Native Resolution	800(H) x 600(V)
Colors	262 K
Brightness	350
Contrast	600 : 1
Response Time	≤ 30 ms
Viewing Angle (typical)	H. 160°(- 80°~ + 80°) , V. 140°(- 70°~ + 70°)
Light Source	LED backlight, Long life, 35,000 hrs (typ)

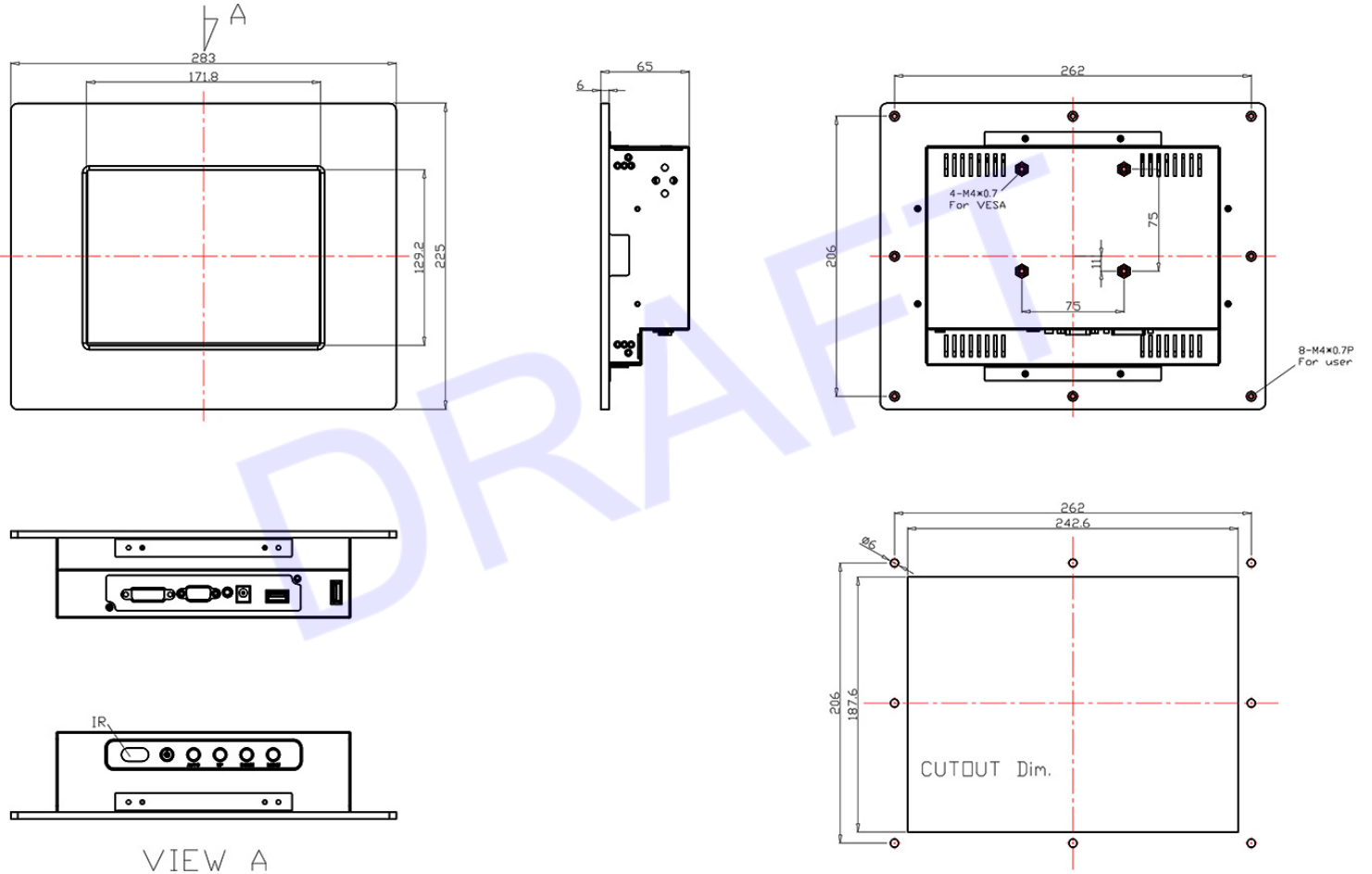| INPUT SOURCES		
PC System	Signal	Analog RGB (0.7/1.0 V, 75 ohms)
	Sync	Separate Sync, Composite Sync, Sync On Green
	Frequency	F: 30 - 82Khz , F: 50 -75Hz
Audio System	2W speaker x 2	

Specifications subject to change without notice, not responsible for typographical errors.

CERTIFICATION	
FCC , CE	
INPUT TERMINALS	
1x VGA (15 Pin Female D-Sub), 1x HDMI, 1x PC Audio (Stereo Headphone Jack) , 1x DC Power Plug	
CONVENIENT FEATURES	
Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B) , OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)	
POWER	
12VDC-IN with external power adapter	
POWER CONSUMPTION	
Operation / Power Saving	8.68watt , < 2 watt (Support DPMS)
OPERATING CONDITION	
Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)
STORAGE CONDITION	
Temperature / Humidity	-20°C ~ 60°C (-4°F ~ 140°F) , 10% ~ 90% (no condensation)
DIMENSIONS	
Physical	
Carton	W x H x D = TBD
WEIGHT	
N.W. / G.W.	2.5 Kgs/3.5 Kgs
CONTAINER LOADED	
20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)

TOUCH	VIDEO INPUT	ENHANCED PANEL	POWER	OTHERS
Resistive Touch	AV-IN	High Brightness Panel	24V DC-IN	Motion Sensor
Projected Capacitive Touch	AV Looping	Sunlight Readable	9~36V DC-IN	Light Sensor
Infrared Touch	HDMI / DP	Wide Viewing Angle	48V 72V DC-IN	VR-knob Dimming
Protected Glass	HD-SDI	Wide Temperature	90V 125V DC-IN	RS232 Remote On/Off
Optical Bonding		UV Film	110V 220V DC-IN	Military Connector: MIL 38999
		Anti-Vandal		Metal Connector: M12 / M16
				Stainless 316 Enclosure

MECHANICAL DRAWING:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

A

283
171.8
225
129.2

65
6

262
206
4-M4×0.7
For VESA
75
75
11
8-M4×0.7P
For user

262
242.6
Ø6
206
187.6
CUTOUT Dim.

IR

VIEW A

Drawing No.: EPM840-TC-DA10-01172024-V1