

Short Form Specification

DT-M190EG4-PCAP-Rack-9HE



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Approval

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Approval
Product Specification
DT-M190EG4-PCAP-Rack-9HE
P/N: 196-00460

1. General Features / Technical Data

Item	Description	Unit
Diagonal	483.0 (19.0")	mm
Active area	376.32 (H) x 301.06 (V)	mm
Resolution – display	1280 (x3) x 1024	pixel
Resolution – controller	640 x 480 – 1280 x 1024	pixel
Pixel pitch	0.294 (per one traid) X 0.294	mm
Pixel arrangement	R.G.B. vertical stripe	
Display colors	16.7 M	colors
Display mode	normally white	
Brightness	315	cd/m ²
Contrast ratio	1000:1	
Viewing angle	hor.: 85° / 85°, ver.: 80° / 80°	deg.
Response time	5	ms
LED Backlight life	min 50,000	hours
Interface	Analog-RGB H-Sync. / V-Sync. // DVI	
Touch	PCAP / USB-B	
Power input voltage	12 / 24	V DC
Power consumption	20	W
Dimension (w*h*d)	482.60 x 399.25 x 41.05	mm
Weight	5.100	gram
VPE / PU	-	
Remark	high brightness	

2. Power Input Connector

Type: DC Jack 2.5 mm x 5.5 mm

Pin No.	Symbol	Description	Note
1	Vin	12 / 24 V DC	Center
2	GND	GND	

4. Handling & Cautions

Cautions when unpacking the module

- Pick the pouch only, when unpacking the module from the shipping package

Cautions for handling the module

- As the electrostatic discharges may break the LCD module, handle the LCD module with care. Peel a protection sheet off from the LCD panel surface as slowly as possible.
- As the LCD panel and backlight element are made from fragile glass material, impulse and pressure to the LCD module should be avoided.
- If the surface gets contaminated, clean it immediately.
- As the surface of the polarizer is very soft and easily scratched, use a soft dry cloth without chemicals for cleaning.
- Put the module display side down on a flat horizontal plane.
- Handle connectors and cables with care.

Cautions for atmosphere

- Dewdrop atmosphere should be avoided.
- Do not store and/or operate the LCD module in a high temperature and/or humidity atmosphere. Storage in an electro-conductive polymer-packing pouch and under relatively low temperature atmosphere is recommended.

Cautions for module characteristics

- Do not apply fixed pattern data signal to the LCD module at aging time.
- Applying fixed pattern for a long time may cause image sticking.

Other cautions

- Do not disassemble and/or re-assemble LCD module.
- Do not re-adjust variable resistor or switch etc.
- When returning the module for repair or etc., please pack the module not to be broken. We recommend on using the original shipping packages.

5. Packing Information

The DT-M190EG4-PCAP-Rack-9HE is packed into an anti-static foil.

The DT-M190EG4-PCAP-Rack-9HE is packed into a carton filled and cushioned with shock absorbing carton and therefore good protected for shipping.

6. Optional Accessories

We refer to our pricelist:

We offer a wide variety of optional accessories to operate the DT-M190EG4-PCAP-Rack-9HE.