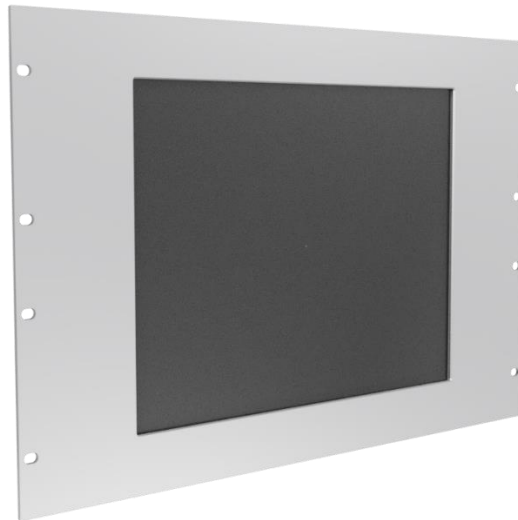


Short Form Specification

DT-M150X05-PCAP-Rack-7HE



March 2025

Approval

The information given in this document is carefully checked and believed to be dependable. However, diströnik GmbH takes no responsibility for any failure or product damage caused by application of this information. Please check all connections carefully with the product specification. Products of diströnik are not intended for use in systems in which failures of product could result in personal injury. All mentioned trademarks are registered trademarks of their owner. This specification is subject to change without notification.

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Approval
Product Specification
DT-M150X05-PCAP-Rack-7HE
P/N: 196-00458

1. General Features / Technical Data

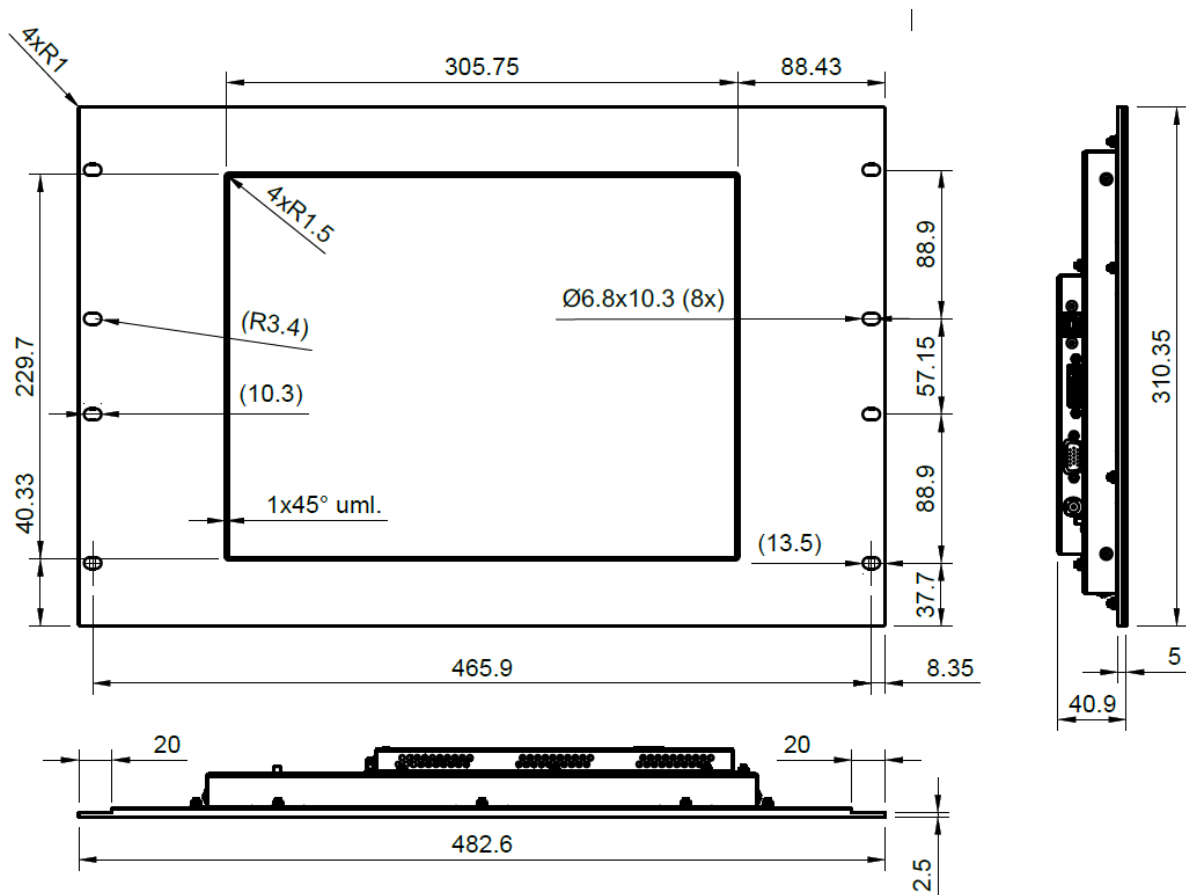
Item	Description	Unit
Diagonal	381 (15.0")	mm
Active area	304.1 (H) x 228.1 (V)	mm
Resolution – display	1024 x 768	pixel
Resolution – controller	640 x 480 – 1024 x 768	pixel
Pixel pitch	0.297 (H) x 0.297 (V)	mm
Pixel arrangement	R.G.B. vertical stripe	
Display colors	16.7 M	colors
Display mode	Transmissive mode, normally black	
Brightness	450	cd/m ²
Contrast ratio	2500:1	
Viewing angle	hor.: 88° / 88°, ver.: 88° / 88°	deg.
Response time	23	ms
LED Backlight life	min 50,000	hours
Interface	Analog-RGB H-Sync. / V-Sync. // DVI	
Touch	PCAP / USB-B	
Power input voltage	12	V DC
Power consumption	15	W
Dimension (w*h*d)	482.60 x 310.35 x 40.90	mm
Weight	3.500	gram
VPE / PU	-	
Remark	wide view (AAS), high brightness	

2. Power Input Connector

Type: DC Jack 2.5 mm x 5.5 mm

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

3. Mechanical Outlines



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-M150X05-PCAP-Rack-7HE is packed into an anti-static foil.

The DT-M150X05-PCAP-Rack-7HE 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-M150X05-PCAP-Rack-7HE.