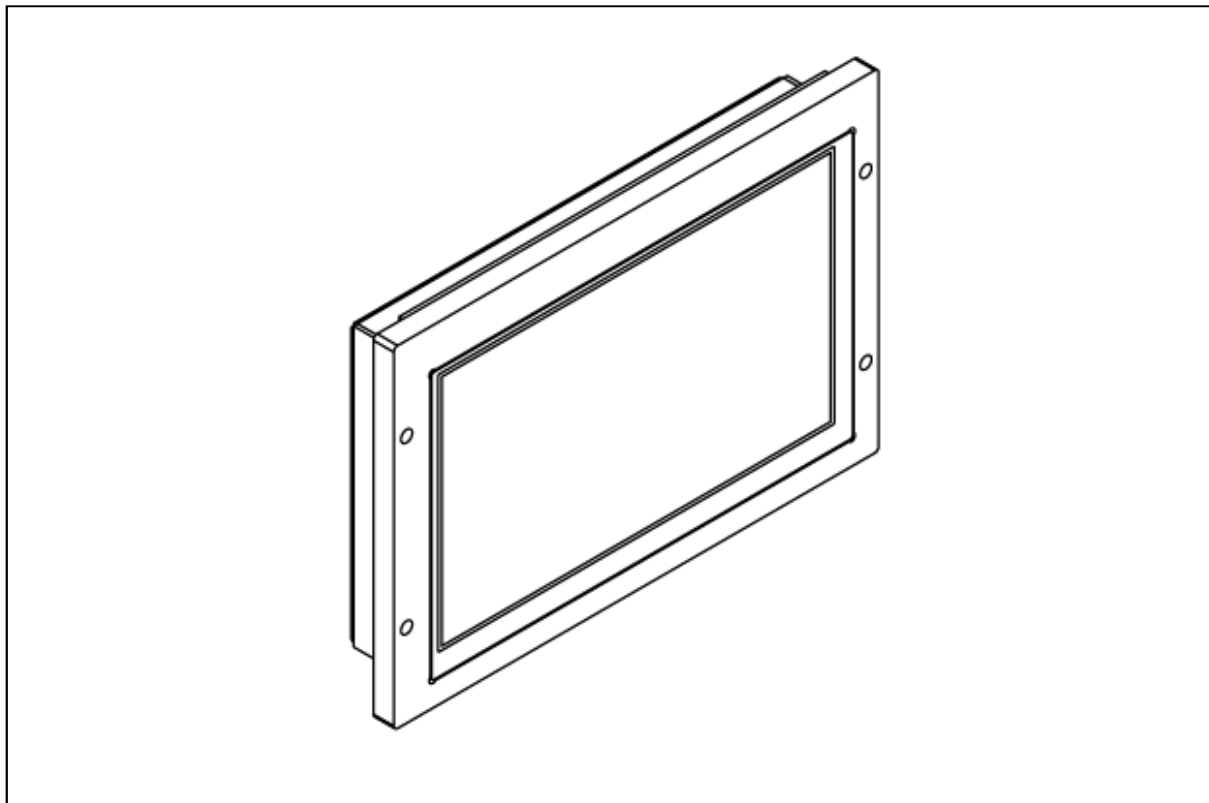distronik
DISPLAYLÖSUNGEN FÜR DIE INDUSTRIE

7,0" Chassis Industrial Monitor

Date of specification: 18.12.2015

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Product Specification

DT-M070-CHDMI

distronik
DISPLAYLÖSUNGEN FÜR DIE INDUSTRIE

General Features / Technical Data

Item	Description	Unit
Outline dimension	190 x 130 x 35	mm
Diagonal	7" (18)	Inch / mm
Active area	165,0x104,4x6,76	mm
Resolution of panel	800 x 480	Pixel
Colors	262.000 6-Bit	
Viewing angle	140 horizontal / 130 vertical	degree
Brightness	500	cd/m²
Contrast ratio	400:1	
LED backlight lifetime	40k	hours
Response time	16	ms
Touchscreen	resistive	Additional option
Interface	HDMI	
Best resolution to view	800 x 480 @ 60Hz	
Power input voltage	12 +/- 5%	V DC
Power consumption	Ca. 6	Watt
Wight		gram
VPE		pcs
Operating temperature	-10 - +55	degree
Storage temperature	-30 - +80	degree

Power Input Connector

Manufacture / Type: JST S3B-PH-SM4-TB
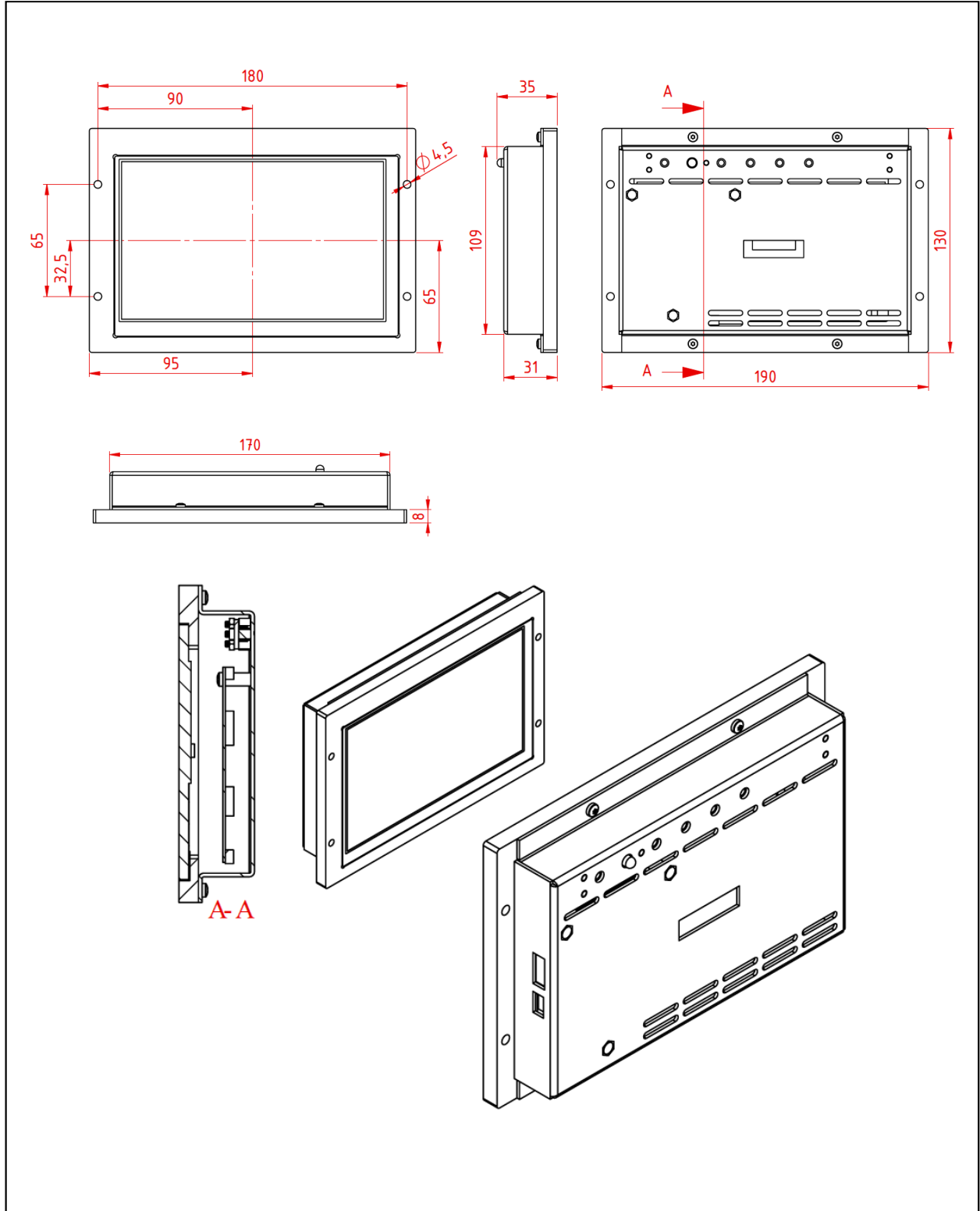3 pins (use Pin 1 as marked on connector)

Pin / Signal
1 / 12V
2 / GND
3 / GND

The mating connector with a cable and DC Jack is available as an option.

Mechanical Outlines

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OSD (On Screen Display)

Main Menu

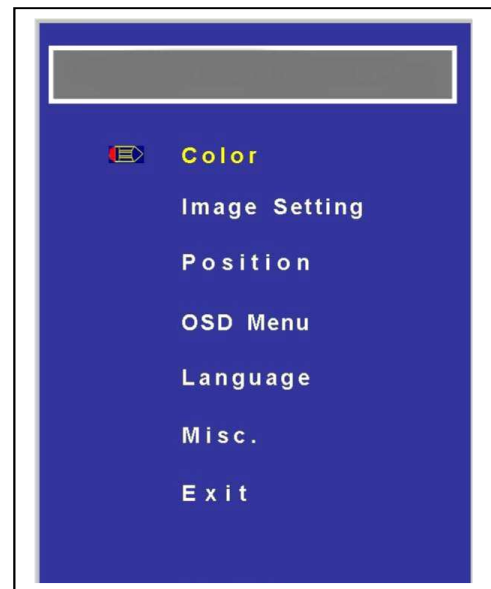Color: Adjust and correct the color
Image Setting: no function

Position: no function

OSD Menu: Adjust the On-Screen-Display

Language: Select a language of OSD
Misc.: All other settings

Exit: Close the main menu

Color

Image Setting

Position

OSD Menu

Language

Misc.

Exit

Sub-Menu „Color"

Contrast: Adjust the contrast of the image

Brightness: Adjust the brightness of the image

Color Adjust: Adjust the value of red, green and blue

Color Temp: Adjust the color temperature
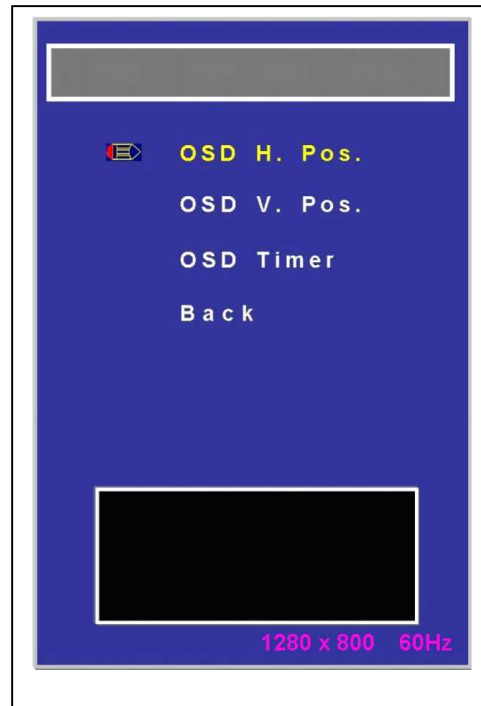
Back: Back to main menu

Contrast

Brightness

Color Adjust

Color Temp

Back

1280 x 800   60Hz

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Sub-Menu „OSD Menu"

OSD H. Pos.: Adjust the H. position of the OSD

OSD V. Pos.: Adjust the H. position of the OSD

OSD Timer: Adjust the OSD off timer

Back: Back to main menu

Sub-Menu „Language"

English: Select English

Française: Select French

Deutsch: Select German

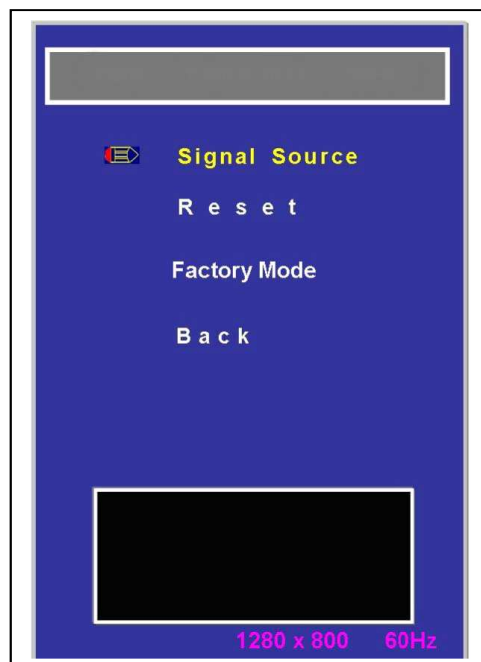Español: Select Spanish

Korean: Select Korean

Sub-Menu „Misc"

Signal Source: Select the input source

Reset: Factory reset

Factory Mode: Select some default settings

Back: Back to main menu

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Handling & Cautions

Cautions when taking out the module
· Pick the pouch only, when taking out module from a 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.
· 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 the 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 the 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 the LCD module.
· Do not re-adjust variable resistor or switch etc.
· When returning the module for repair or etc., please pack the module carefully not to be broken. We recommend using the original packing.

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Packing Information

Each of the DT-M070-CHDMI is packed into an anti-static foil.
More of DT-M070-CHDMI units are packed into a carton filled and cushioned with shock absorbing carton and therefore good protected for shipping an euro pallet.