



DaTec M

The multi-talent for demanding logistics applications



Robust und compact

*Forklift trucks or rough industrial surrounding:
The DaTec M fits*

User-friendly touch panel

Simple handling with best sight from each perspective

High-performance and adjustable

*Mobile application as well as stationary:
DaTec M convinces with a processor achievement up to
1.3 GHz*

Numerous connection types

*Simple integration into EDP infrastructures over
WLAN, LAN, serial, digital or USB interfaces*

Modular hardware concept

*Whether 6.5"(Picolino), 10.4", 12.1" or 15.0":
The resembling concept makes customized solutions
possible and provides high service efficiency*

Own development and production

*DaTec M terminals are developed and
produced in Germany by the KSC GmbH*



DaTec M
Industrial
Terminal



DaTec MTK
-36 to +122°F
(-38 to +50°C)



DaTec MV
for Food and
Pharmacy



IPC
High-performance
Industry-PC



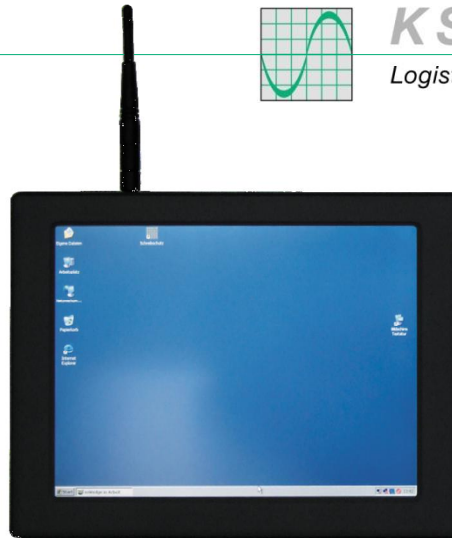
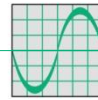
MobiWa
Mobile
Working-Place



WLAN
Planning &
Realisation



Accessories
Scanner,
Printer etc.



Technical data: DaTec M

DaTec 06 06M ‚Picolino‘

Display

- 6.5" Color-TFT display (17 cm), w. LED-backlight
- VGA 640 x 480 pixel, 256k colors, brightness: 550 cd/m², contrast: 600:1

Dimensions, weights

- 180 x 140 x 82 mm, ~ 2.2 kg without fixation

DaTec 10 06M

Display

- 10.4" Color-TFT display (26.4 cm)
- SVGA 800 x 600 pixel, 256k colors, brightness: 400 cd/m², contrast: 500:1

Dimensions, weights

- 262 x 209 x 62 mm, ~ 3.8 kg without fixation

DaTec 12 06M

Display

- 12.1" Color-TFT display (31 cm)
- SVGA 800 x 600 pixel, 256k colors, brightness: 400 cd/m², contrast: 600:1
- Alternatively:
XGA 1024 x 768, 256k colors, brightness: 400 cd/m², contrast: 600:1
- Optional:
SVGA 800 x 600 for working in direct solar radiation, 256k colors, brightness: 400 cd/m², contrast 600:1

Dimensions, weights

- 304 x 236 x 62 mm, ~ 4.1 kg without fixation

DaTec 15 06M

Display

- 15.0" Color-TFT display (38.1 cm)
- XGA 1024 x 768 pixel, 256k colors, brightness: 350 cd/m², contrast: 500:1

Dimensions, weights

- 368 x 282 x 62 mm, ~ 4.3 kg without fixation

General

CPU (passive cooled)

- Intel® Celeron M (ULV) with 600 MHz
- Optional Celeron M (ULV) with 1.0 GHz
- Optional: Core Duo mit 2 x 1.200 MHz for 12.1" & 15.0"

RAM

- 512 MB RAM (DDR266)
- Max. 1GB RAM optional

Mass storage device

- 2 GB Compact Flash Disk
- Optional: 4-16 GB Compact Flash
- Optional: HDD

Operating system

- Windows® XP Embedded
- Others on request

Touch Panel

- High resistive touch in 5-wire-technic for light touch appliance (easily operating also with gloves!)

Interface

- 2 x serial (RS 232/422/485)
1 x with 5V on Pin 9 (PoT)
- 4 x USB 2.0
- 8 x progr I/O digital
- 1 x network 10/100 MBit, RJ45-access

Wireless LAN

- WLAN Mini PCI card (extern)
- Antenna terminal (extern)
- Antenna diversity possible
- Standard equipment with wireless card according to IEEE 802.11a/b/g
- Data transfer 1/2/5/11/36/54 MBit/s
- Supported coding e.g.:
WEP, WPA, WPA2

Power supply

- Galvanically isolated (short circuit proven). DC/DC-converter with protection against polarity reversal
- Wide range input: 9-36 VDC

Power consumption

- 22 W typic, max. 28 W

Housing

- 2-part housing, extrem robust alu-steel-realisation
- Finishing: powder-coating RAL 7016 (fine structure). Other colours on request
- All components, touch panel excluded, are shock resistant mounted
- The base/wall mounting, tool-free device replacing incl., is free of charge
- A stainless steel version is available on request

Environmental specifications

- Operating temperature:
+14 to +122°F (-10 to +50°C)
- Extended temperature range (option):
-36.4 to +122°F (-38 to +50°C)
- Storage temperature:
-4 to +158°F (-20 to +70°C)
- Relative humidity:
5 to 95 %, non condensing
- Type of protection: Front IP67, device IP54, IP65 optional
- Vibration/shock:
According to IEC 60068-2 and NATO MIL-STD 810