



QTERM A7

7" Rugged touch HMI

The QTERM-A7 human machine interface features universal connectivity, bright 7" (177 mm) widescreen display, for rugged, hazardous, extreme temperature environments.

800 x 480 pixel WVGA, 7" (177 mm) diagonal, LED lighted, TFT color LCD display with touch screen

Panel-mount

-30 to 70 °C operating temperature

Touch screen

NEMA-4 sealing, IP66, UL 50 Type 4X (outdoor)

10 to 32 VDC

iX, Qlarity and native Windows CE design environment

i [Important life cycle dates, read more ->](#)

Facts

General description

Part number	317991
Life cycle status	Discontinued
Warranty	2 year

Certifications

General	FCC, CE
Hazardous	UL C1D2
Safety	UL508, CAN/CSA C22.2 No.142-M1987

Mechanical

Mechanical size	223 x 153 x 66 mm
Touch type	Resistive
Cut-out size	199 x 145 mm
Weight	1.0 kg
Housing material	Polymer

Power

Input voltage	10 to 32 VDC
Power consumption (max)	7 Watts @ 24 VDC (typical), 11 Watts @ 24 VDC (max)

System

CPU	XScale PXA 300 ARM 624 MHz
RAM	128 MB
FLASH	4 GB

Software

Operating system	Windows CE
------------------	------------

Display

Size diagonal	7" (177 mm)
Resolution	800 x 480
Backlight	LED lighted, TFT color LCD
Backlight life time	50000 hours
Backlight brightness	500 cd/m2
Backlight dimming	Software-controllable

Serial communication

Number of serial ports	2 Port 9pin DSUB
------------------------	------------------

Ethernet communication

Number of Ethernet ports	1
Ethernet port 1	1x10/100 Base-T (shielded RJ45)

Communication CAN

Number of CAN ports	2
---------------------	---

Environmental

Operating temperature	-30 to 70 °C
Storage temperature	-40 to 85 °C
Shock	40 g, 11 ms, common orthogonal axes
Vibration	10 to 1500 Hz, 4g RMS
Sealing front	NEMA-4, IP66, UL 50 Type 4x (outdoor)
Humidity	5 to 95%, non-condensing

People & Technology. Connected.

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmö, SWEDEN

+46 40 35 86 00 (tel:+46 40 35 86 00).

info@bejerelectronics.com (mailto:info@bejerelectronics.com)