

Data sheet **dsound**[®] **UCT1**

Universal Communication Terminal 4,8"-Panel PC

Product description

New 4.8" Panel PC Display expansion module for dsound[®] sound sensors.

A development of our company is the Windows Panel PC with UCT1 4.8" touch display. This serves both as a front end for our USS4 and USS5 Sound sensors of the dsound[®] series and the control of machines and Systems in production processes.

In connection with the dsound[®]-sound sensors an extensibility of sound detection systems up to retraining in batch change is possible. Thus, a flexible adjustment of the sound check to changing parameters is guaranteed.

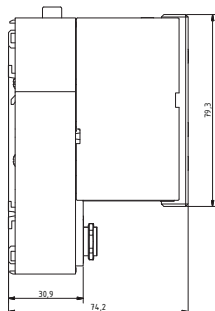
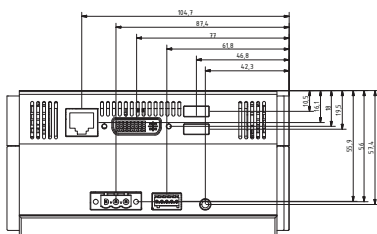
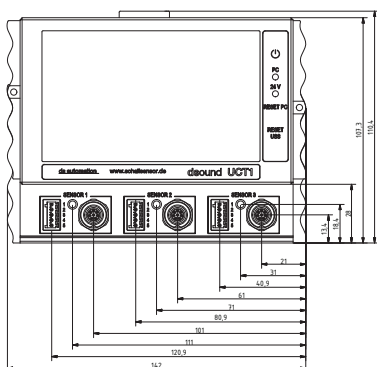
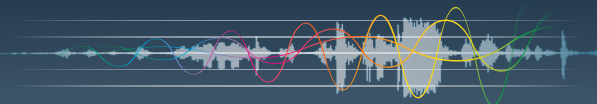
Because of its Windows operating system, the panel PC UCT1 with its compact dimensions and its rail mounting is available for a wide range of applications. Communication with other systems works via USB, LAN, CAN and Digital I/O Ports.

- space-saving and compact design
- wide range of applications for plant and machine control
- Operating system: WinXP, Win7, Win2000, Windows Embedded
- Interfaces: USB, LAN, CAN and Digital I/O-Ports

Areas of application

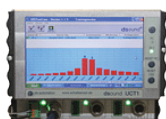
The panel PC in connection with our sound sensors is used as communication terminal.

- Can be used for remote monitoring and remote diagnostics
- Simple retraining of acoustic sensors with special software possible
- Due to Windows operating system also standard software for control tasks can be used



Technical data

<i>Supply</i>	
Voltage	12...24VDC
Current consumption at 10°C - 50°C	0,6 A at 24 V / 1,2 A at 12 V
Termination technique	PHOENIX COMBICON MSTBV 5,08 mm, 3-pin
<i>Climatic conditions</i>	
Range of temperature	+10°C to +50°C
Change in temperature, operation	max. 10 K/h
Change in temperature, storage and transport	max. 20 K/h
<i>Mechanical construction</i>	
Housing Dimensions without connectors (LxWxH)	142 x 78 x 105 mm
Weight	ca. 850g
Mounting	can be snapped onto DIN rails
Degree of protection	IP 20
<i>Performance parameter</i>	
Graphic controller	Integrated graphic controller for decoding MPG2, H.264, MPEG-4-AVC
Display	WVGA with 800 x 480 pixels, 4.8" (104 x 62 mm)
Processor	Intel Atom Z510 (1,1 GHz)
Memory	2GB RAM, 8GB SSD
Push buttons	Power PC, reset sensor & reset PC
Input	Touch display
<i>Connections</i>	
Graphic	DVI-D (1920 x 1080)
Ethernet	Gigabit-Ethernet
USB	5x USB (3x front for USS4, 2x USB above)
Audio	HD-audio output
Inputs	1x 24 V control input
Outputs	4x output switch 24V / 50mA
Sensor connections	3x sensor connections for USS4/USS5



UCT1

Ordering information

UCT1	dsound [®] UCT1 Universal Communication Terminal 4,8"-Panel PC
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Please send your questions and orders to:

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