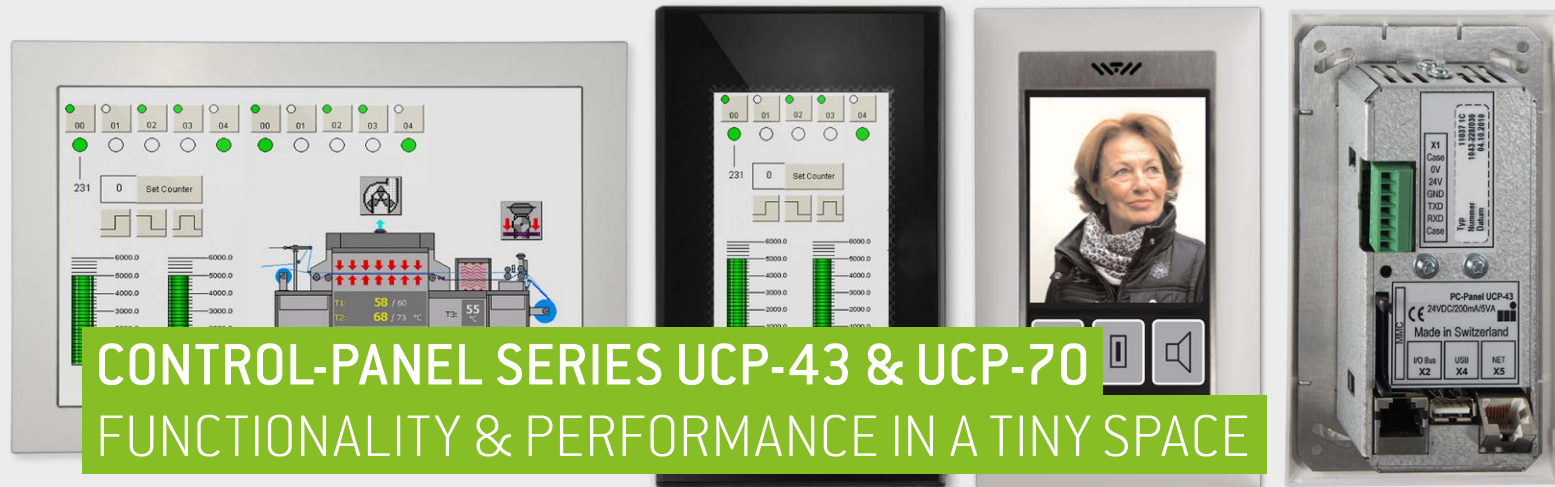




exceet
ELECTRONICS



CONTROL-PANEL SERIES UCP-43 & UCP-70 FUNCTIONALITY & PERFORMANCE IN A TINY SPACE

UCP-43/43g, UCP-70/70g & UCU-270

These 4.3" and 7.0" touch panels are equipped with a high-quality display and come complete with a high-performance 1GHz ARM processor. The resistive touch versions feature a colored front panel from the EDIZIOdue Series by Feller Co. and can be installed horizontally or vertically. Due to their shallow installation depth they fit into a standard flush-mounted box.

The highly compact device series also includes versions with aluminum and glass front panels (capacitive touch) and the display-less top-hat data processor UCU-270. Various interfaces such as Ethernet (optional PoE), EtherCAT, CAN, RS232/485 and USB are available for networking, data capture and data transmission and offer a high degree of flexibility.

Like many products by exceet electronics they also support the soft-SPS CODESYS and thereby enable highly compact automation. The device series was developed for long-term availability and can be customized and expanded in line with customer requirements.

FEATURES

- resistive or capacitive touch
- display-less version
- high-performance 1GHz ARM CPU
- Windows Embedded Compact or Linux
- supports CODESYS V2.3 and V3.x
- Ethernet, CAN, RS232, RS485, USB
- customer-specific adaptations
- plug connectors
- integrated speaker and microphone
- integrated temperature sensor

CUSTOMER BENEFITS

- soft-SPS CODESYS
- low heat generation
- compact design, shallow installation depth
- fits EDIZIOdue by Feller
- two sizes, one design
- power supply also via PoE
- OEM versions
- long-term availability

APPLICATIONS

- human-machine interface
- building automation
- door entry system
- machine control
- embedded display control
- top-hat rail computer (display-less)
- deployable as a low-cost multipurpose device in combination with our remote I/O modules

TECHNICAL DATA

Product	UCP-43/UCP-43g	UCP-70/UCP-70g	UCU-270
FUNCTION	Standard [options]		
DIMM CPU MODULE			
CPU	PXA 168 (ARM)		
Clock	1 GHz		
Flash-EEPROM	128 MB [256-512 MB]		
DRAM	128 MB [256 MB]		
SRAM	2 MB buffered [512 kB - 8 MB]		
EEPROM	4 kByte [8 kB]		
RTC	battery-buffered		
COMMUNICATION			
Serielle Schnittstellen	CAN [or RS232/RS485], Local I/O	CAN [or RS232/RS485], RS232	CAN [or RS232/RS485], Local I/O
USB 2.0	1x host/device switchable	1x host	1x host/device switchable
Ethernet	1x 10/100 Mbit [PoE]	1x 10/100 Mbit	1x 10/100 Mbit [PoE]
Protocoles (master functions)	[EtherCAT, Modbus TCP, Profinet, BACnet, CANopen], others on request		
HUMAN-MACHINE INTERFACE			
Display	4.3" WQVGA (480x272)	7" WVGA (800x480)	-
Touch	resistive / capacitive	resistive / capacitive	-
Audio	speaker [microphone]	speaker	
OTHER			
SD card	insert for MMC/SD card up to 2 GB		
Power supply	24 VDC +/-20% [PoE Class 3]	24 VDC +/-20%	24 VDC +/-20% [PoE Class 3]
Power consumption	typ. 5W	typ. 10W	typ. 4W
Assembly	Screw mount	Spring mount	Top-hat rail
External dimensions WxHxD	138x78x34mm / 148x88x34	179x119x42mm / 208x148x42mm	116x54x35mm
Installation depth	28.5mm	35mm	-
Protection class	front IP40 / IP65	front IP54 / IP65	IP20
Operating temperature	0..+55°C [expanded range]		
SOFTWARE			
Operating System	Windows Embedded Compact 7 [Embedded Linux]		
Soft-SPS	[CODESYS V2.3 / V3.x Runtime, Web-, HMI-, Target visualization]		
Various	[HTML5 browser, Java Virtual Machine]		
FURTHER OPTIONS			
Housing	customer-specific OEM versions, open-frame		
Features/functions	customer-specific adaptations /expansions		



exceet electronics GmbH
Kantstraße 10
72663 Großbettlingen
Germany

Phone: +49 7022 4057-0
Fax: +49 7022 4057-22
E-Mail: info@exceet-electronics.de
Web: www.exceet-electronics.de

exceet electronics GesmbH
Wildbichler Straße 2E
6341 Ebbs
Austria

Phone: +43 5373 43143-0
Fax: +43 5373 43143-888
E-Mail: info@exceet-electronics.at
Web: www.exceet-electronics.at

exceet electronics AG
Riedstrasse 1
6343 Rotkreuz
Switzerland

Phone: +41 41 799 47 99
Fax: +41 41 799 47 98
E-Mail: info@exceet-electronics.ch
Web: www.exceet-electronics.ch

We point out that all used brand names refer to the general brand, trademark or patent protection of the respective company or facility.