



DATASHEET

# DIVUS SUPERIO


... gives you more possibilities

DSK10 - DSK15 - DSK19

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## DIVUS SUPERIO FRAMES

	COLOR	BORDER COLOR	FS10	FS15	FS19
Frame SUPERIO Capacitive	Black anodized border		FSK10-B	FSK15-B	FSK19-B
	RAL varnished border		FSK10-RAL	FSK15-RAL	FSK19-RAL
	Black GLASS border		FSKg10-B	FSKg15-B	FSKg19-B

# DIVUS SUPERIO CAPACITIVE



## TOUCH PANEL FOR WALL MOUNT

	DSK10	DSK15-1	DSK15-2	DSK19-1	DSK19-2
Type of design	ultra compact embedded touch panel for wall mount; open system for your applications; noiseless and without any rotating part homogeneous smooth glass surface with aluminium side border				

### VERSIONS

With Black Cover Glass	DSK10-B	DSK15-1-B	DSK15-2-B	DSK19-1-B	DSK19-2-B
With White Cover Glass	DSK10-W (ultra clear glass)	DSK15-1-W (clear glass)	DSK15-2-W (clear glass)	DSK19-1-W (ultra clear glass)	DSK19-2-W (ultra clear glass)

### SOFTWARE

Operating System	Windows 10 IoT Enterprise MUI				
<b>FRONT UNIT</b>	<b>10,1" - 25,6 CM WIDESCREEN TFT LED BACKLIGHT</b>	<b>15,6" - 39,6 CM WIDESCREEN TFT LED BACKLIGHT</b>	<b>15,6" - 39,6 CM WIDESCREEN TFT LED BACKLIGHT</b>	<b>18,5" - 47,0 CM WIDESCREEN TFT LED BACKLIGHT</b>	<b>18,5" - 47,0 CM WIDESCREEN TFT LED BACKLIGHT</b>
Luminosity	200 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Contrast	400 : 1	500 : 1	500 : 1	1000 : 1	1000 : 1
Resolution (in Pixel)	WSVGA 1024x600	HD 1366x768	<b>Full-HD 1920x1080</b>	HD 1366x768	<b>Full-HD 1920x1080</b>
MTBF backlight	30.000 h	50.000 h	50.000 h	50.000 h	50.000 h
Method of operating	Projected capacitive touch screen with 3 mm glass front, dual touch capable				
Rating	IP20 according EN 60529				

### GENERAL CHARACTERISTICS

Processor	fanless low consumption Intel® Celeron N2930, Quad-Core 1,83GHzCPU with int. graphics ctrl	fanless low consumption Intel® Celeron N2930, Quad-Core 1,83GHzCPU with int. graphics ctrl	fanless Intel® Core i5-6300U SoC, 2.4GHz, Dual-Core	fanless low consumption Intel® Celeron N2930, Quad-Core 1,83GHzCPU with int. graphics ctrl	fanless Intel® Core i5-6300U SoC, 2.4GHz, Dual-Core
Chipset	SoC - Intel HD Graphics	SoC - Intel HD Graphics	Intel HD Graphics 520, 300MHz – 1,0GHz	SoC - Intel HD Graphics	Intel HD Graphics 520, 300MHz – 1,0GHz
Memory	4 GB DDR3L SDRAM	4 GB DDR3L SDRAM	4 GB DDR4 SDRAM	4 GB DDR3L SDRAM	4 GB DDR4 SDRAM
Free expansion slots	mini PCIe slot (int)	mini PCIe slot (int)	half size mini PCIe slot (int)	mini PCIe slot (int)	half size mini PCIe slot (int)
Power Supply	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC
Power consumption	Max. 20 W	Max. 50 W	Max. 60 W	Max. 55 W	Max. 65 W
Guarantee	24 Months*	24 Months*	24 Months*	24 Months*	24 Months*

### DRIVES

Storage medium	high speed flash drive 60GB MLC	high speed flash drive 60GB MLC	high speed flash drive 60GB MLC	high speed flash drive 60GB MLC	high speed flash drive 60GB MLC
Av.spaceonsystempartition /data partition	C: 40 GB / D: 2 GB	C: 40 GB / D: 2 GB	C: 40 GB / D: 2 GB	C: 40 GB / D: 2 GB	C: 40 GB / D: 2 GB

# DIVUS SUPERIO CAPACITIVE



## TOUCH PANEL FOR WALL MOUNT

	DSK10	DSK15-1	DSK15-2	DSK19-1	DSK19-2
<b>INTERFACES</b>					
LAN/Ethernet	2 x Gigabit LAN (ext)	2 x Gigabit LAN (ext)	2 x Gigabit LAN (ext) - Intel® i211-AT	2 x Gigabit LAN (ext)	2 x Gigabit LAN (ext) - Intel® i211-AT
USB (Universal Serial Bus)	4 x USB 2.0 (1x front accessible, 3x ext) 1 x USB 3.0 ext	4 x USB 2.0 (1x front accessible, 3x ext) 1 x USB 3.0 ext	4 x USB 2.0 (2 x front accessible) 2 x USB 3.0 (2x ext)	4 x USB 2.0 (1x front accessible, 3x ext) 1 x USB 3.0 ext	4 x USB 2.0 (2 x front accessible) 2 x USB 3.0 (2x ext)
Serial Interface	3xRS232, 1xRS422/485 (pin header)	3xRS232, 1xRS422/485 (pin header)	5 x RS232, 1 x RS422/485 (pin header)	3xRS232, 1xRS422/485 (pin header)	5 x RS232, 1 x RS422/485 (pin header)
Digital I/O	-	-	-	-	-
Video	DVI-I port for video output (ext)	DVI-I port for video output (ext)	HDMI and DP for video output (ext)	DVI-I port for video output (ext)	HDMI and DP for video output (ext)
Multimedia	speaker and microphone included with echo cancellation				

### AMBIENT CONDITIONS

Vibration/Shock resistance	15G / 50G
EMC	EN 55011, 55022, 500081
Temp./Relative humidity	+0°C to +30°C max. / 5% to 80% at 25°C (no humidity/condense)
Authorization	CE

### DIMENSIONS

Cut-Out with MS [mm]	315 x 182 x 80	492 x 288 x 80	492x288x80	582 x 327 x 80	582 x 327 x 80
Outside with Frame FSK [mm]	333 x 200 - This product needs the capacitive touch frames ( FSK10-X)	510 x 306 - This product needs the capacitive touch frames ( FSK15-X)	510 x 306 - This product needs the capacitive touch frames ( FSK15-X)	600 x 345 - This product needs the capacitive touch frames ( FSK19-X)	600 x 345 - This product needs the capacitive touch frames ( FSK19-X)
Weight	4 kg	7 kg	7 kg	9 kg	9 kg

### MECHANICAL CHARACTERISTICS

Mounting	Fast and easy one man mounting system with DIVUS wall mount boxes
Front	Steel and alloy anodized, to use with the wall mount box (MS) and cover(FSK)
Touch Panel Unit	Alloy anodised, EMC proofed

\* warranty ex works, normally 24 months, fixed at order. All data refer on print date, errors and changes excepted.  
 NOTE: Internal connections are intended as inside the box unit, normally on pin header, external ones as outside the box. Nevertheless, once mounted in the wall, only connections described as "front accessible" will be reachable for the customer.

# DIVUS SUPERIO

CAPACITIVE



## WALL MOUNT BOX

TYPES	IN WALL MOUNT BOX	IN MORTARLESS MOUNT KIT	IN MORTARLESS FLUSH MOUNT KIT
for DSK10 – 10,1"	MS10	MS10T	MSK10W for DSK10
for DSK15 – 15,6"	MS15	MS15T	MS15W for DSK15
for DSK19 – 18,5"	MS19	MS19T	MS19W for DSK19

### TECHNICAL DATA

Type of design	compact, stable and flat wall mount box	compact, stable and flat box for mortarless constructions	compact flush mount kit for mortarless constructions-NEEDSBACKSIDECAVITYfor VENTILATION
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### DIMENSIONS [MM]

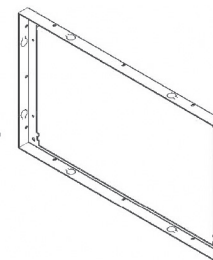
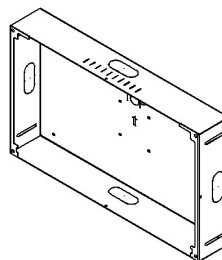
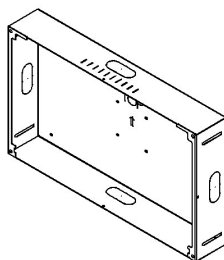
Cut-Out 10,1"	MS10 315 x 182 x 80	MS10T 315 x 182 x 80	MSK10W 328 x 196 x 90
Cut-Out 15,6"	MS15 492 x 288 x 80	MS15T 492 x 288 x 80	MS15W 506 x 302 x 90
Cut-Out 18,5"	MS19 582 x 327 x 80	MS19T 582 x 327 x 80	MS19W 596 x 341 x 90
Weight	ca. 4kg	ca. 2kg	ca. 2kg

### NOTE

**EN:** Requires 3 cm additional space on each side for mounting brackets  
**DE:** Benötigt pro Seite 3 cm zusätzlichen Platz in der Wand für rückseitige Montagearme


### MECHANICAL CHARACTERISTICS

Wall mount box	steel plate with cover for clean installation	steel plate with pattern for easy installation	steel plate with pattern for easy installation
Cable access	1x top, 1x bottom, 1x left, 1x right	1x top, 1x bottom, 1x left, 1x right	on the back




Grounding	in addition to the DIVUSSUPERIO even the MSxx needs to be professionally grounded
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### MONTAGE / INSTALLATION INSTRUCTIONS / INSTALLAZIONE


 Die Unterputzdose und das Trockenbaukit MSxx können in einem Ausschnitt in der Wand oder in einem bis zu 1,5 cm dünnen Möbelstück, sowie in einem Trockenbau befestigt werden. Der Ausschnitt muss den in den technischen Details spezifizierten Maßen entsprechen und beim Wandeinbau mindestens 9 cm tief sein.

Im Wandausschnitt wird die Unterputzdose eingemauert, während sie im Möbelstück angeschraubt werden kann.

Es ist wichtig, dass die vordere Kante der MSxx plan und waagrecht zur Oberfläche der Wand oder des Möbelstückes ist.

 The wall mount box and the mounting kit may be installed in a cut out in the wall, in a wooden structure thick at least 1,5 cm or in a dry mortarless construction. The cut out has to respect the sizes specified in the technical data and has to be at least 9 cm deep.

In the wall cut out, the box can be built in while it can be screwed on in a piece of furniture. It is important that the fore edge of the MSxx is flat and horizontally to the surface of the wall or the piece of furniture.

 Il box di installazione ed il kit di montaggio possono essere incassati o montati a muro, in un pannello di legno di spessore minimo di 1,5 cm o in un muro di cartongesso. Le dimensioni di taglio sono quelle espresse nella tabella tecnica, la profondità minima è di 9 cm.

Verificare a mezzo di una livella che il MSxx venga fissato in posizione orizzontale ed in modo complanare al muro o alla superficie di montaggio.