

# DIVUS SUPERIO



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## DIVUS SUPERIO Frames



FS10-N-B



FS10-N-W

	Color	Border color	Glass color	FS10	FS15	FS19
Frame SUPERIO LANDSCAPE mounting	natural alu border; white inlay			FS10-N-W	FS15-N-W	FS19-N-W
	natural alu border; black inlay			FS10-N-B	FS15-N-B	FS19-N-B
	black anodized border; white inlay			FS10-B-W	FS15-B-W	FS19-B-W
	black anodized border; black inlay			FS10-B-B	FS15-B-B	FS19-B-B
	RAL varnished border; white inlay			FS10-RAL-W	FS15-RAL-W	FS19-RAL-W
	RAL varnished border; black inlay			FS10-RAL-B	FS15-RAL-B	FS19-RAL-B
	Color	Border color	Glass color		FS15h	FS19h
Frame SUPERIO PORTRAIT mounting	natural alu border; white inlay			DS 10 is not portrait mountable	FS15h-N-W	FS19h-N-W
	natural alu border; black inlay				FS15h-N-B	FS19h-N-B
	black anodized border; white inlay				FS15h-B-W	FS19h-B-W
	black anodized border; black inlay				FS15h-B-B	FS19h-B-B
	RAL varnished border; white inlay				FS15h-RAL-W	FS19h-RAL-W
	RAL varnished border; black inlay				FS15h-RAL-B	FS19h-RAL-B
	Color	Border color		FSK10	FSK15	FSK15h
Frame SUPERIO Capacitive	black anodized border			FSK10-B	FSK15-B	FSK15h-B
	RAL varnished border			FSK10-RAL	FSK15-RAL	FSK15h-RAL

# DIVUS SUPERIO

Touch Panel for wall mount



Technical Data:	DS10-1	DS15-1	DS19-1
Type of design	ultra compact embedded touch panel for wall mount; open system for your applications; noiseless and without any rotating part		
<b>Software</b>			
Operating System	Microsoft Windows XP embedded Multilanguage Interface <sup>1</sup>		
Front Unit	<b>10,1" - 25,6 cm widescreen LED backlight TFT</b>	<b>15,6" - 39,6 cm widescreen TFT LED backlight TFT</b>	<b>18,5" - 47,0 cm widescreen TFT LED backlight TFT</b>
Luminosity	200 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Contrast	400 : 1	500 : 1	1000 : 1
Resolution (in Pixel)	WSVGA 1024x600	WXGA (1366*768)	WXGA (1366*768)
MTBF backlight	30.000 h	50.000 h	50.000 h
Method of operating	Resistive touch screen, 5-wire technology		
Rating	IP20 according EN 60529		
<b>General characteristics</b>			
Processor	fanless low consumption <b>ATOM N450 1,66 GHz CPU</b> with integrated GMA3150 graphics controller		
Chipset	Intel ICH8M		
Memory	1 GB DDR2 SDRAM		
Free expansion slots	SD Slot (ext)		
Power Supply	100 – 240 VAC		
Power consumption	Max. 15 W	Max. 25 W	Max. 35 W
Guarantee	24 Months*		
<b>Drives</b>			
Storage medium	high speed CFC 2GB (550 MB available on system / 970 MB on secondary partition)		
<b>Interfaces</b>			
LAN/Ethernet	2 x 10 / 100 / 1000 Mbps (ext)		
USB (Universal Serial Bus)	3 x USB 2.0 (2x front accessible, 1x ext)		
Serial Interface	1 x RS232 / 422 / 485 on DB9 (ext)		
Digital I/O	8 bit digital I/O		
Video	Analog video input		
Multimedia	- available in PLUS version -		
Expansions (optional)	- available in PLUS version -		
<b>Ambient Conditions</b>			
Vibration/Shock resistance	15G / 50G		
EMC	EN 55011, 55022, 500081		
Temperature	+0°C to +30°C max.		
Relative humidity	5% to 80% at 25°C (no humidity/condense)		
Authorization	CE		
<b>Dimensions</b>			
Cut-Out with MS [mm]	315 x 182 x 80	492x288x80	582 x 327 x 80
Outside with Frame FS [mm]	333 x 200	510 x 306	600 x 345
Weight	5 kg	7 kg	9 kg
<b>Mechanical Characteristics</b>			
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(FS)		
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.

<sup>1</sup> WES 2009 on request

# DIVUS SUPERIO PLUS

Touch Panel for wall mount



Technical Data:	DSP 10-1	DSP 15-1	DSP 19-1
Type of design	ultra compact embedded touch panel for wall mount; open system for your applications; noiseless and without any rotating part		
<b>Software</b>			
Operating System	Microsoft Windows Embedded standard 2009 Multilanguage Interface <sup>1</sup>		
Front Unit	<b>10,1" - 25,6 cm widescreen LED backlight TFT</b>	<b>15,6" - 39,6 cm widescreen TFT LED backlight TFT</b>	<b>18,5" - 47,0 cm widescreen TFT LED backlight TFT</b>
Luminosity	200 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Contrast	400 : 1	500 : 1	1000 : 1
Resolution (in Pixel)	WSVGA 1024x600	WXGA (1366*768)	WXGA (1366*768)
MTBF backlight	30.000 h	50.000 h	50.000 h
Method of operating	Resistive touch screen, 5-wire technology		
Rating	IP20 according EN 60529		
<b>General characteristics</b>			
Processor	fanless low consumption <b>ATOM N450 1,66 GHz CPU</b> with integrated GMA3150 graphics controller		
Chipset	Intel ICH8M		
Memory	<b>2 GB DDR2 SDRAM</b>		
Free expansion slots	SD Slot (ext)		
Power Supply	100 – 240 VAC		
Power consumption	Max. 15 W	Max. 25 W	Max. 35 W
Guarantee	24 Months*		
<b>Drives</b>			
Storage medium	<b>high speed CFC 4GB</b> (900 MB available on system / 1900 MB on secondary partition)		
<b>Interfaces</b>			
LAN/Ethernet	2 x 10 / 100 / 1000 Mbps (ext)		
USB (Universal Serial Bus)	3 x USB 2.0 (2x front accessible, 1x ext)		
Serial Interface	1 x RS232 / 422 / 485 on DB9 (ext)		
Digital I/O	8 bit digital I/O		
Video	Analog video input		
Multimedia	<b>speaker and microphone included with echo cancellation</b>		
Expansions (optional)	<ul style="list-style-type: none"> <li>- <b>2 MPixel CMOS Web camera</b></li> <li>- <b>WLAN option</b></li> <li>- <b>Bluetooth option</b></li> </ul>		
<b>Ambient Conditions</b>			
Vibration/Shock resistance	15G / 50G		
EMC	EN 55011, 55022, 500081		
Temperature	+0°C to +30°C max.		
Relative humidity	5% to 80% at 25°C (no humidity/condense)		
Authorization	CE		
<b>Dimensions</b>			
Cut-Out with MS [mm]	315 x 182 x 80	492x288x80	582 x 327 x 80
Outside with Frame FS [mm]	333 x 200	510 x 306	600 x 345
Weight	5 kg	7 kg	9 kg
<b>Mechanical Characteristics</b>			
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(FS)		
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.

<sup>1</sup> WES 7 on request

# DIVUS SUPERIO Capacitive

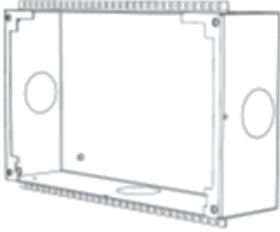

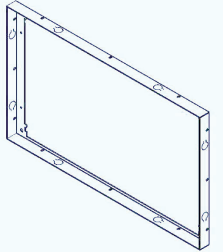



Touch Panel for wall mount



Technical Data:	DSK10-1	DSK15-1
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	
<b>Software</b>		
Operating System	Microsoft Windows Embedded Standard 2009	
Front Unit	<b>10,1" - 25,6 cm widescreen TFT with LED backlight</b>	<b>15,6" - 39,6 cm widescreen TFT with LED backlight</b>
Luminosity	200 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Contrast	400 : 1	500 : 1
Resolution (in Pixel)	WSVGA 1024x600	WXGA 1366x768
MTBF backlight	30.000 h	50.000 h
Method of operating	Projected capacitive touch screen with 3 mm glass front, dual touch capable	
Rating	IP20 according EN 60529	
<b>General characteristics</b>		
Processor	fanless low consumption <b>ATOM 1,6 GHz CPU</b> with integrated graphics controller	
Chipset	Intel® 945GSE + ICH7M	Intel® GMA3150 + ICH8M
Memory	<b>2 GB DDR2 SDRAM</b>	
Free expansion slots	mini PCIe slot (int)	SD Slot (ext)
Power Supply	100 – 240 VAC	
Power consumption	Max. 20 W	Max. 30 W
Guarantee	24 Months*	
<b>Drives</b>		
Storage medium	<b>high speed CFC 4GB</b> (1500 MB available space)	
<b>Interfaces</b>		
LAN/Ethernet	1 x 10 / 100 / 1000 Mbps (ext)	2 x 10 / 100 / 1000 Mbps (ext)
USB (Universal Serial Bus)	4 x USB 2.0 (1x front accessible, 3x ext)	3 x USB 2.0 (2x front accessible, 1x ext)
Serial Interface	1 x RS232 (pin header), 1 x RS422/485 (pin header)	1 x RS232 / 422 / 485 on DB9 (ext)
Digital I/O	-	8 bit digital I/O (ext)
Video	DVI-I port for video output (ext)	Analog video input (ext)
Multimedia	<b>speaker and microphone included with echo cancellation</b>	
Expansions (optional)	<b>- 2 MPixel CMOS Web camera</b> <b>- WLAN option</b> <b>- Bluetooth option</b>	
<b>Ambient Conditions</b>		
Vibration/Shock resistance	15G / 50G	
EMC	EN 55011, 55022, 500081	
Temperature	+0°C to +30°C max.	
Relative humidity	5% to 80% at 25°C (no humidity/condense)	
Authorization	CE	
<b>Dimensions</b>		
Cut-Out with MS [mm]	315 x 182 x 80	492x288x80
Outside with Frame FSK [mm]	333 x 200 - This product needs the capacitiv touch frames ( FSK10-XXX)	510 x 306 - This product needs the capacitiv touch frames ( FSK15-XXX)
Weight	4 kg	7 kg
<b>Mechanical Characteristics</b>		
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.

Types	in wall mount box	in mortarless mount kit	in mortarless flush mount kit
for DS10 – 10,1"	MS10	MS10T	MS10W
for DS15 – 15,6"	MS15	MS15T	MS15W
for DS19 – 18,5"	MS19	MS19T	MS19W
Technical Data			
Type of design	compact, stable and flat wall mount box	compact mounting kit for mortarless constructions	compact flush mount kit for mortarless constructions NEEDS BACKSIDE CAVITY for VENTILATION
Dimensions [mm]			
Cut-Out/fixing kit 10,1"	<b>MS10</b> 315 x 182 x 80	<b>MS10T</b> see template / 345 x 212 x 80	<b>MS10W/MSK10W</b> 328 x 196 x 90
Cut-Out/fixing kit 15,6"	<b>MS15</b> 492 x 288 x 80	<b>MS15T</b> see template / 522 x 318 x 80	<b>MS15W</b> 506 x 302 x 90
Cut-Out/fixing kit 18,5"	<b>MS19</b> 582 x 327 x 80	<b>MS19T</b> see template / 612 x 357 x 80	<b>MS19W</b> 596 x 341 x 90
Weight	ca. 4kg	ca. 2kg	ca. 2kg
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	on the back	on the back
			
Grounding	in addition to the <b>DIVUS SUPERIO</b> even the <b>MSxx</b> needs to be professionally grounded		
Montage / Installation instructions / Installazione			
	<p>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.</p> <p>Im Wandausschnitt wird die Unterputzdose eingemauert, während sie im Möbelstück angeschraubt werden kann.</p> <p>Es ist wichtig, dass die vordere Kante der MSxx plan und waagrecht zur Oberfläche der Wand oder des Möbelstückes ist.</p>		
	<p>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.</p> <p>The cut out has to respect the sizes specified in the technical data and has to be at least 9 cm deep.</p> <p>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.</p>		
	<p>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.</p> <p>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.</p>		