



DIVUS SUPERIO ANDROID

Advanced Compatibility

DATASHEET:

DSA10 - DSA15 - DSA19
VER.1

DIVUS SUPERIO ANDROID



TOUCH PANEL FOR WALL MOUNT

TECHNICAL DATA

	DSA10	DSA15	DSA19
Type of design	ultra compact embedded PC for wall mount; android operation system for your applications; noiseless and without any rotating part, ultra low power homogeneous smooth glass surface with aluminium side border		
VERSIONS			
With Black cover glass	DSA10-B (antibacterial treatment)	DSA15-B (antibacterial treatment)	DSA19-B
With White cover glass	DSA10-W (ultra clear glass)	DSA15-W (ultra clear glass)	DSA19-W (ultra clear glass)
SOFTWARE			
Operating System	Android 9		
FRONT UNIT	10,1" - 25,6 CM WIDESCREEEN LED BACKLIGHT TFT	15,6" - 39,6 CM WIDESCREEEN LED BACKLIGHT TFT	18,5" - 47,0 CM WIDESCREEEN LED BACKLIGHT TFT
Luminosity	250 cd/m ²	300 cd/m ²	300 cd/m ²
Contrast	400 : 1	500 : 1	1000 : 1
Resolution (in Pixel)	WSVGA (1024*600)	HD (1366*768)	HD (1366*768)
MTBF backlight	30.000 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 ultra low consumption Dual-core Cortex-A72 1.8GHz and Quad-core Cortex-A53 1.4GHz		
Memory	2 GB (optional 4GB, connected to MOQ)		
Free expansion slots	microSD Slot		
Power Supply	PoE+ compatible with Cat5e/Cat6 UTP cable, max 100m IEEE Std 802.3at™ 12-32 VDC		NO POE
Power consumption without peripherals	Max. 18 W	Max. 25 W	Max. 30 W
Guarantee	24 Months*		
DRIVES			
Storage medium	High speed Flash Memory 16GB eMMC (available disk space tbd)		
SENSORS			
Proximity sensor	INCLUDED		
G Sensor for orientation	AUTOMATIC PORTRAIT / LANDSCAPE ORIENTATION		
Brightness Sensor	INCLUDED		
MULTIMEDIA			
Input/output	Loudspeaker 2 Watt RMS (ext) Microphone (ext)		
Functionality	Integrated Echo cancellation for bi-directional interphone communication		

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TOUCH PANEL FOR WALL MOUNT TECHNICAL DATA

	DSA10	DSA15	DSA19
INTERFACES			
LAN/Ethernet/BT	1 x GbE on RJ45 - 45 degree with 802.3at™ (ext)		1 x GbE on RJ45 - 45 degree
	1 x WiFi 802.11 a/b/g/n - optional		
	1 x Bluetooth 4.0 LE - optional		
USB (Universal Serial Bus)	2 x USB 2.0 (2x ext)		
	1 x mini USB OTG		
Serial	1 x RS-232/422/485 (int, optional on pinheader)		
Digital Input/Output	GPIO - 4 x Input / 4 x Output for 4 relays with max. 100 mA/5VDC Clocking is possible, frequency depends on APK		
Battery	Battery free system - RTC with capacitor backup		
SURVEILLANCE			
Status LEDs	1 x RGB LED - covered by design frame		
AMBIENT CONDITIONS			
EMC	IEC 63044-1:2017, IEC 63044-5-1:2019, IEC 63044-5-2: 2019; CISPR 32: 2015; CISPR 35: 2017; EN 50486:2008 (§4.2); EN 50428:2005+A1:2007+A2:2009		
SAFETY	EN IEC 63044-3:2018 in conjunction with: IEC 62368-1:2014 (Second Edition), EN 62368-1:2014+A11:2017		
Temperature	+0°C to +30°C max.		
Relative humidity	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	582 x 327 x 80
Outside with Frame FSK [mm]	333 x 200	510 x 306 - This product needs the capacitiv touch frames (FSK15-X)	600 x 345 - This product needs the capacitiv touch frames (FSK19-X)
Weight	4 kg	7 kg	9 kg
MECHANICAL CHARACTERISTICS			
Mounting	Fast and easy one man mounting system with wall mount boxes		
Front	Steel and alloy anodized, to use with the wall mount box (MS) and cover(FSK)		
PC 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.

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WALL MOUNT BOX

TYPES	IN WALL MOUNT BOX	IN MORTARLESS MOUNT KIT	IN MORTARLESS FLUSH MOUNT KIT
for DSA10 – 10,1"	MS10	MS10T	MSK10W
for DSA15 – 15,6"	MS15	MS15T	MS15W
for DSA19 – 18,5"	MS19	MS19T	MS19W

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
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DIMENSIONS [MM]

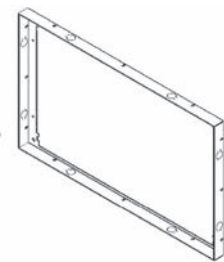
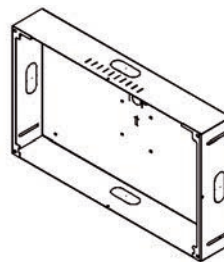
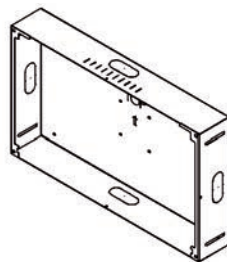
Cut-Out 10,1"	MS10 315 x 182 x 80	MS10T 315 x 182 x 80	MSK10W 328 x 196 x 90
Cut-Out 15,6"	MS15 492 x 288 x 80	MS15T 492 x 288 x 80	MS15W 506 x 302 x 90
Cut-Out 18,5"	MS19 582 x 327 x 80	MS19T 582 x 327 x 80	MS19W 596 x 341 x 90
Weight	ca. 4kg	ca. 2kg	ca. 2kg

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	1xtop, 1xbottom, 1xleft, 1xright	on the back	on the back



Grounding in addition to the DIVUSSUPERIO even the MSxx needs to be professionally grounded

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.