

DIVUS DIVA



Functional DATASHEET

Technical Data:	DIVUS DIVA PC	
Type of design	extra HIGH performance, ultra LOW power requirements MAXI Display with FULL HD resolution monocoque body shaped from a single block of aluminium ultra compact embedded Touch Panel for wall mount; noiseless and without any rotating part	
Front Unit		
Size / Type	22" - 55 cm LED Backlight TFT Display	
Luminosity / Contrast	400 cd/m ² - 10.000 : 1	
Resolution (in Pixel)	FULL HD 1920x1080	
Response Time / Viewing angle	3 ms - 170° H – 160° V	
MTBF backlight tubes	20.000 h	
Method of operating	Resistive Window Touch with Multitouch function	
Rating	IP20 according EN 60529	
General characteristics		
Processor	Intel Atom Processor N270 - 1,6 GHz, 533 MHz, 512K L2 Cache	
Chipset	Intel 945GSE + Intel ICH7M	
Memory	2 GB DDR2 SDRAM	
Free expansion slots	-	
Operating systems	Multilanguage Windows embedded standard 2009: Operating system delivered in 7 languages: English, German, French, Italian, Spanish, Portuguese, Danish) or OPTIONAL Windows Embedded Standard	
Power Supply	90-260VAC auto range fanless included - to be mounted on DIN rail in MD/MD-A	
Power consumption	max. 30 W	
Guarantee	24 Months*	
Optional Accessories - functional		
LED Stripes	Multi-Colour LED Stripes with radio control	
WLAN / Bluetooth	WLAN or Bluetooth module via USB	
Drives		
Storage medium	high speed DOM 4GB (1500 MB available on system / 2000 MB on secondary partition)	
Interfaces		
LAN/Ethernet	2 x Realtek PCIe 10/100/1000 Mbit controller (ext)	
USB (Universal Serial Bus)	1 x USB 2.0 (1 x ext)	
Keyboard/Mouse	1 x PS/2 for mouse and keyboard	
Multimedia	HDTV resolution up to 1080i capable	
	1 x free VGA port - DUAL Display architecture	
	2 x 3W sinus power speaker	
VOIP function - acoustic signals (ex: warnings, messages) - voice registration and playback in PC mode		
Watchdog Functions		
CPU Temperature	surveillance onboard, WDT integrated	

*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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Mechanical DATASHEET

Technical Data:	DIVUS DIVA PC	
Type of design	monocoque body shaped from a single block of aluminium ultra compact embedded PC for wall mount; noiseless and without any rotating part	
Mechanical Characteristics		
Mounting direction	Landscape	Portrait
	Vertically mounted in MD or MD-A mounting box	
	Optional, inclined by 37,5°	Optional, inclined by 12,5°
	In wall mounting allowed	
Front	smooth surface touchscreen front, to use with the wall mount box (MDxx) and side-cover(SC-xx)	
PC Unit	alloy anodised monocoque enclosure, EMC proofed	
Optional Accessories - mounting parts		
12,5° inclination kit	-	available
37,5° inclination kit	available	-
In wall mount box MD	necessary for in wall mounting	
On wall mount box MD-A	necessary for on wall mounting	
Side - Covers		
SCg-B	Glass cover black	
SCg-W	Glass cover white	
SCg-V	Glass cover violet	
SC-A1	Aluminium cover anodized	
SC-A-RAL	Aluminium cover roughly, varnishing by DIVUS	
Ambient Conditions		
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	
Dimensions		
Cut-Out MD [mm]	632 x 447 x 144 plus plaster guide 15 mm	
Cut-Out MD-A [mm]	212 x 212 x 80	
Outside dimension [mm]	553 x 368 x 43,5 plus docking socket 200 x 200 x 20	
Weight	ca 10 kg	