

Medical True Flat Displays

Unique Selling Points

- Can be disinfected by wiping because of plane and non-reflecting glass surface
- Operable by finger or gloves
- Projected capacitive touch screen (no separate driver necessary for Windows® 7 and above)
- Full HD resolution 1920 × 1080 (21.5" and 24")
- Consistent design with available sizes of 18.5" / 21.5" and 24"
- Long-term available and medical certified
- Individually configurable through customizing



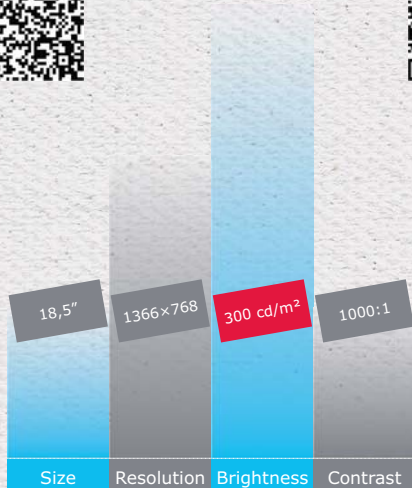
18.5"

21.5"

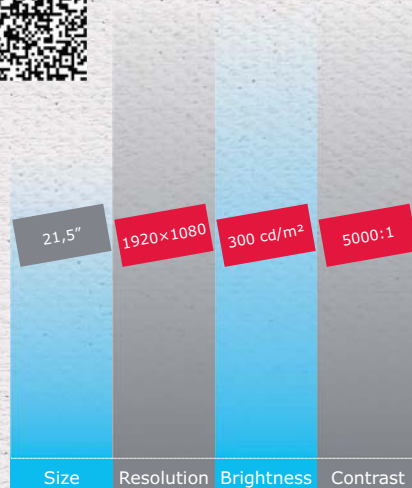
24"

Short Reference

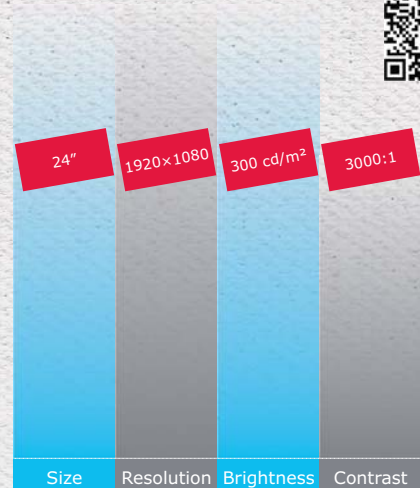
MDRAP18EAXACAXX



MDRAP21EAXACAXX



MDRAP24XAXACAXX



Medical True Flat Displays

Technical Data

Series	Medical True Flat Displays		
Model / Type	MDRAP18EAXACAXX	MDRAP21EAXACAXX	MDRAP24XAXACAXX
Size	18.5" / 47.0 cm	21.5" / 54.6 cm	24" / 61 cm
Active area (H × V)	409.8 × 230.4 mm	476.64 × 268.11 mm	531.36 × 298.89 mm
Resolution (optimal)	1366 × 768 WXGA	1920 × 1080 HDTV	
Pixel pitch	0.300 mm	0.240 mm	0.277 mm
Display colours	16.7 M		
Brightness	300 cd/m ²		
Contrast ratio	1000:1	5000:1	3000:1
Viewing angle (H × V)	170° / 160°	178° / 178°	
Response time typ.	5 ms	16 ms	25 ms
Horizontal freq	30 ~ 85 kHz		
Vertical frequency	50 ~ 75 Hz		
I/O ports	DVI-D, VGA, Display Port		
Power consumption	25 W	30 W	40 W
Dimensions (W × H × D)	465.8 × 363.2 × 175.0 mm	537.4 × 384.4 × 175.0 mm	582.0 × 401.0 × 175.0 mm
Temperature operating	+10 °C to +40 °C		
Humidity operating	30 to 75 % RH		
Power supply - AC	AC 100 - 240 V 50/60 Hz (Universal)		
Power supply - DC	External 24 VDC		
Safety & ergonomics	IEC/EN 60601-1 3 rd ; IEC/EN 60601-1-2, CE, UL60601, FCC		
Misc.	IPX1 housing, integrated protection glass		
Options	Projected capacitive touch screen. On request: remote control through RS-232 or network (RJ45)		
Availability	Q1/2013	yes	

Different Views



Front view with standbase



Flat design (w/o standbase)



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