

Coronis 5MP



Premium 5 MegaPixel diagnostic display system

Technical specifications Coronis 5MP displays

LCD PANEL

Technology:	TFT AMLCD Dual Domain IPS Grayscale, 3 subpixels per pixel
Native resolution:	2560 x 2048 / 2048 x 2560
Pixel pitch:	0.165 mm
Active screen diagonal:	540.9 mm (21.3")
Active screen area:	422.4 x 337.9 mm (16.6 x 13.3")
Viewing angle (Hor./Vert.):	170° (at 10:1 contrast)

VISUAL CHARACTERISTICS

Dark room contrast:	800:1 typical
Luminance (typical):	500 cd/m ² (145.9 fL) calibrated 700 cd/m ² (204 fL) typical

Stabilization, calibration and automated QA:

Embedded I-Guard®

ENVIRONMENTAL

Power save:	Supports DPMS
Operating temp range:	0°C to +40°C (32°F to 104°F)
Within specifications:	+15°C to +35°C (59°F to 95°F)

APPROVALS

Safety:	CE, UL60950, CSA C22.2 No 60950 (c-UL), CB, IEC 60950, DEMKO EN 60950
Emission:	EN 55022, EN 500082-1, FDA 510 k

CONNECTIVITY

Digital video input:	Dual DVI (Complying to VESA DVI)
Analo video input:	Not applicable
Display control & comm.:	DDC (complying to DDC2Bi standard), EDID

Digital video / DDC input connector:	One physical DVI connector, one cable
USB:	USB-hub with 1 up- and 2 downstream ports
Supported resolutions:	2560 x 2048 (Landscape) 2048 x 2560 (Portrait, features Portrait Accelerator) VGA boot (1 to 1 pixel mapping)

POWER REQUIREMENTS

Input:	90 to 264 VAC, 45 to 65 Hz, 72W max.
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PHYSICAL CHARACTERISTICS

Dimensions (WxHxD):	P: 408 x 592 x 217 mm (16.1 x 23.3 x 8.5") 13.5 kg (29.7 lbs)
Weight:	
Ergonomics:	Tilt & swivel base with P/L rotation 100mm VESA mounting standard AR coated front cover
Display controls:	Display on/off, backlight adjustment, OSD

Technical specifications BarcoMed Coronis display controller

SYSTEM REQUIREMENTS

Bus:	PCI 2.2, universal signaling
Bus clock speed:	66 MHz
Bus width:	64 bit
Power consumption:	< 15 Watt
Form factor:	106 x 176 x 16 mm (4.2 x 6.9 x 0.6")
OS:	Microsoft Windows NT, 2000, XP
Platforms:	Pentium class and up

TEMPERATURE

Operational:	+10°C to +60°C (50°F to 140°F)
Storage:	-40°C to +85°C (-40°F to 185°F)

HUMIDITY

Operational:	100%
Storage:	80%

CHARACTERISTICS

Display configuration:	Single- or dual-head portrait or landscape
Graphics processor:	Proprietary AURA technology
Display memory:	128 MB
VGA:	Integrated VGA controller
Pixel clock rate:	278 Mhz
LUT	10 bits in / 10 bits out
Electrical standard:	Dual DVI complying to VESA DVI Rev. 1.0

VIDEO OUTPUT

Supported resolutions:	2560 x 2048 @50 Hz 2048 x 2560 @50 Hz
Connectors:	Two DVI connectors (one per head)

EMI

FCC class B, CE, EN 55022 B, EN 61000-6, IEC 60601-1-2

Request more information

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