

IMAGE DISPLAYS BASIC

ENTRY LEVEL DIAGNOSTIC TFT-DISPLAYS

DISPLAY SPECIFICATIONS

IMAGE DISPLAYS	2MP GRAYSCALE	2MP COLOR	2MP BRIGHT
Display size:	20.1 inch	20.1 inch	20.1 inch
Resolution (HxV):	1600 x 1200 pixel	1600 x 1200 pixel	1600 x 1200 pixel
Maximum contrast:	800:1	800:1	1000:1
Maximum luminance (cd/m ²):	300	300	700
Calibrated luminance (cd/m ²):	> 200	> 200	> 300
True gray depth in bit:	8/10	8/10	8/10
Max. numbers of grayscale tones:	1024	1024	1024
Panel:	Color panel, True grayscale mode	Color panel	Monochrome
Pixel pitch (HxV):	0.255 mm	0.255 mm	0.255 mm
Viewing angles (H,V):	Right: 85°, Left: 85°, Up: 85°, Down: 85°		
Orientation (portrait vs. landscape):	P/L	P/L	P/L
Display dimensions in mm (HxWxD):	520 x 380 x 274 (with stand)		
Signal input:	DVI-D, VGA, Component (YPbPr), (NTSC/PAL only 2MP BRIGHT)		
USB 2.0 hub:	-	-	-
Backlight stabilization:	By software	By software	By software
Height adjustable range:	70 mm	70 mm	70 mm
Weight (with stand):	13 kg	13 kg	13 kg
Operating temperature in °C/°F:	10-35/50-95	10-35/50-95	10-35/50-95
Display category (DIN 6868-57):	A	A	A
Warranty:	3 years*	3 years*	3 years*
Approvals:	UL 60601-1, CE (EN 60601-1-2), FCC Parts 18, VCCI, BSMI, TÜV GM, CCC		

* 3 years warranty if less than 10,000 luminancy hours.

GRAPHICS SPECIFICATIONS

GRAPHIC CONTROLLER	iQ-GRAFIX	iQ-GRAFIX PRO*
Operating system:	Windows® 2000, XP, XP 64, Vista	Windows® 2000, XP, XP 64, Vista
BUS compatibility:	PCI-Express 16 x	PCI-Express 16 x
Signal input:	2 DVI-I, TV-Out	2 x DVI-I, TV-Out
Memory amount:	512 MB DDR3	896 MB GDDR3
Memory bandwidth:	57.6 GB/s	111.9 GB/s
Gray depth:	8/12 bit	8/12 bit
Supported resolutions:	Up to 2560 x 2048 pixel	Up to 2560 x 2048 pixel
Supported displays:	Dual Head	Dual Head
Memory interface:	256 bit	448 bit
Dynamic contrast enhancement:	✓	✓
Future-proof technology:	Up to 2 iQ-GRAFIX in 1 PC	Up to 3 iQ-GRAFIX in 1 PC
Power consumption:	120 Watt	150 Watt
PC power supply:**	400 Watt (recommended)	600 Watt (recommended)
Graphics card length:	23 cm	28 cm

* Upgrade package available for all IMAGE DISPLAYS

**6-pin PCI-Express power connector for iQ-GRAFIX needed, 2x6-pin PCI-Express power connector for iQ-GRAFIX PRO needed

THE *IMAGE DISPLAYS BASIC SYSTEM* INCLUDES:

- IMAGE DISPLAYS and iQ-GRAFIX
- Utility & Driver Software
- AC-power adapter 100VAC-240VAC (US, EU)
- DVI-D signal cable, HDD power cable, HDTV cable, DVI to VGA converter
- VGA cable, VGA to DB-15 & BNC, Mini Dim to BNC



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