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Product Information

7091 Multimedia Color Monitor - Technical Specifications

Applicable to: **World-Wide**

This document contains feature and technical specification information for the IBM 7091 Sight and Sound Color Monitor Model 7S1.

Operating Specifications:	Video Controllers supported	VGA 8514/A SVGA XGA XGA-2 Image Adapter/A
	Maximum resolution x colors Other resolutions	1280x1024 640x480 900x720 1024x768 1024x496 All EGA All MCGA All CGA
	Horizontal Scan Frequency (Range from 30-82 KHz) selected examples:	37.9 KHz - 640x480 and lower 81.3 KHz - 900x720 61.1 KHz - 1024x768 63.6 KHz - 1280x496 81.3 KHz - 1280x1024
	Refresh Rate (Vertical Scan) (Range from ??-160 Hz NI) selected examples:	70Hz - 640x480 and lower (Non-Interlaced) 108Hz - 900x720 (Non-Interlaced) 75Hz - 1024x768 (Non-Interlaced) 120Hz - 1280x496 (Non-Interlaced) 77Hz - 1280x1024 (Non-Interlaced)
	Total Preset/Optional Settings	8/8
	Video Input Signal	Analog, direct-drive, 75 Ohms, 0-0.7V
	Flicker-Free	Yes
	Multi-Scanning	Yes
	Microprocessor-controlled modes	Yes
	Borderless Operation	Yes
	Aspect Ratio	4:03
	Pels per Inch	???
	Dot Pitch	.27mm
	Phosphor	???

	Multimedia Specifications:	
	Built-in Stereo Speakers	Yes
	Maximum Watts/Channel	2.5
	Frequency Range	140Hz-15KHz
	Built-in Microphone	Yes
	Microphone Jack for External Mike	Yes
	Video Camera Jack	Yes
Physical Specifications:	Screen Orientation	Landscape
	Screen Size (Diagonal)	17" Bezel-to-Bezel
	Viewing Area (Diagonal)	15.9" (405mm)
	(HxV)	Default: 11.75" x 8.8 (300mm x 225mm) Borderless: 12.4" x 9.2 (315mm x 235mm)
	Flatter, Squarer Tube (FST)	Vertically Flat
	Screen curvature	????mm Horizontal
	Display Stand Included	Yes
	Tilt/Swivel	Yes
	Degrees of Swivel	???›
	Tilt/Lift/Swivel	Optional
	Width	17.2" (438mm)
	Depth	17.2" (438mm)
	Footprint (of Tilt/Swivel Stand)	??.?" diameter circle (???mm)
	Height (Includes Tilt/Swivel Stand)	16.7" (425mm)
	Weight	Because of the weight, do not place this display on top of the system unit. 45.0 lb (20.5 kg)
	Signal Cable Length	6 ft (1.8 m)
	Power Cable Length	6 ft (1.8 m)
	Cable Connections	(1) 15-pin D-Shell or (1) 13W3
	Anti-glare Treatment	Yes, Etched
	Anti-static Treatment	Yes
	Controls	On/Off Contrast Brightness Horizontal/Vertical Size Horizontal/Vertical Centering Geometry Color Temperature.
	Position	Front-mounted
Environmental Specifications:	Operating Temperage Range	55-95› F (10-35› C)

	Operating Humidity Range	8-80%
	Maximum Operating Altitude	10000 ft (3049m)
	Heat Output (BTUs/hr)	442
	Noise Level Classification	?
	Noise at Operator Position	<4.5 bels
Power Supply:	World-wide (110/60, 220/50)	Yes
	Auto-Sensing/Switching	Yes
	Amperage at: 90-137 VAC	2
	180-264 VAC	1
	Energy-Efficient Circuitry	Yes
	Maximum Power Consumption	150W (???W typical; 90W in VESA Standby mode)
	VESA Power-Saving Modes	
	Meets Energy Star Req's (<30W)	Yes (<30W in VESA Suspend state)
	Meets NUTEK Req's (<8W)	Yes (<10W in VESA Off state)
	Current Leakage	< 3.5 milliamps (IEC 950)
Miscellaneous:	CE Mark Approval	Yes
	CSA Approval (Canada)	C22.2 No. 950
	DHHS Approval (USA)	Yes
	DOC Classification	B
	EPA Energy Star Certified	Yes
	FCC Classification (USA)	B
	ISO Approval	9241, part 3
	PTB Approval (Germany)	Yes
	TUV/GS Approval (Germany)	Yes
	UL Approval (USA)	1950
	VCCI Approval (Japan)	Class 2
	Meets Scandinavian Emissions Req's	Yes
	Very Low Magnetic Frequencies (VLF)	MPR II 1990:10
	Extremely Low Magnetic Freq's (ELF)	MPR II 1990:10
	Electrostatic Field Suppression (ESF)	MPR II 1990:10

Search Keywords

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Date Created	**07-08-98**
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Revision Date	**20-01-2000**
Brand	**IBM Monitors**
Product Family	**Multimedia (MM50/MM70/etc.)**
Machine Type	**7091**
Model	**7S1**
TypeModel	
Retain Tip (if applicable)	
Reverse Doclinks and Admin Purposes	