## IB派 Displays (Monochrome and Image)

	HROME			IMAGE
Name	r≊ 12M	8504	8507	9504 Requires IBM <sup>®</sup>
Type-model	8504-021	8504-001 12" FST	8507-001 19"	9504-001 <i>Image-I Adapter/A</i> 21" FST
Screen Actual viewable diagonal size	12" FST 10.3" / 261 mm	12 FST 10.3" / 261 mm	17.3" / 439 mm	19.0" / 482 mm
Type	Monochrome	Monochrome	Monochrome	Monochrome - Image
Dot pitch (mm)	N/A <sup>2</sup>	N/A <sup>2</sup>	N/A <sup>2</sup>	$N/A^2$ (110 dots per inch)
Viewing area (inches)	8.3 x 6.2"	8.2 x 6.2	14 x 10.5	14.6 x 11.7"
Max view area (inches)	Same	Same	Same	15.1 x 12.1"
Viewing area (mm)	210 x 157.5	210 x 157.5	350 x 265	370 x 296
Max view area (mm)	Same	Same	Same	384 x 308
Frequency Vertical refresh rate range	Fixed	Fixed -	Fixed -	Fixed
Horizontal line rate range	-	-	-	-
Horizontal scan frequency	31.5 kHz	31.5 kHz	31.5 or 35.5 kHz	102 Khz
Maximum pel rate	28 MHz	28 MHz	45 MHz	230 Mhz
640 x 480 NI (presets)	NI 60 Hz	NI 60Hz	NI 60 Hz	NI 77 Hz (emulated by Image-I)
800 x 600 NI (presets)	-	-	-	
1024 x 768 NI or I (presets) 1280 x 1024 NI or I (presets)	-	-	I 43.5 Hz	NI 77 Hz (emulated by Image-I)
1360 x 1024 NI or I (presets)	-	_	_	<i>NI 77 Hz</i> (emulated by Image-I)
1600 x 1280 NI (presets)		_	-	NI 77 Hz with 16 grey shades
3270 MFI emulation modes	2, 3, 4	2, 3, 4	2, 3, 4	None
Emission	MPR-II	VLMF	-	MPR-II
ISO 9241-3	No	No	No	ISO 9241-3
Tilt/swivel stand standard	Yes	Yes	Yes	Yes
Lift/tilt/swivel option	No	No	No	No
Brightness/contrast control Picture width/height control	Analog	Analog	Analog	Analog
Horizontal/vertical centering	No No	No No	No No	Analog Analog
Trapezoidal/pincushion adj	No	No	No	No
Color point setting (blue/pink)	N/A	N/A	N/A	N/A
Type of controls	Knobs	Knobs	Knobs	Knobs
Microprocsr (detects modes)	No	No	No	No
Factory preset modes	3	3	4	1
Ability to save a new setting	No	No	No	Only current
User modes that can save	None	None	None	Only current
Total recallable modes	N/A	N/A N/A	N/A N/A	N/A N/A
Prevent overwriting presets	N/A			
Power management Power mgmt flashing LED	No N/A	No N/A	No N/A	None No
Universal power supply	No	No	No	Universal
Anti-static screen	Anti-static	No	No	Anti-static
Anti-glare screen	Anti-glare	Anti-glare	Anti-glare	Anti-glare
Available date	Oct 93	Jun 91	Sept 88	Aug 93
Warranty Price (retail USD)	1 year carry in	1 year carry in	1 year carry in	1 year on site
Flice (letall 03D)	\$ 221 🔩	\$ 245	\$ 400	\$ 1,200 🔩
The resolution, vertical refresh rate, and maximum shades of grey are controlled by a combination of the video controller, device driver, and display.				MONOCHROME DISPLAYS
Note 2: Monochrome displays have no shadow mask and therefore no dot pitch. The gun design determines differences in screen quality.				WARRANTY SERVICE SUPPORT
Monochrome displays do not have or need degauss as there is no metal in the tube to become magnetized.				<ul> <li>⇒ 1 year warranty</li> <li>⇒ On-site warranty all year (9504 only</li> </ul>
Analog = knobs / thumbwheel; Digital = pushbuttons				<ul> <li>         On-site warranty all year (9504 only)         → All cities in all states     </li> </ul>
85xx also have 720 x 350 and 720 x 400 text modes at 70 Hz (NI).				
The 9504 requires the IBM <sup>®</sup> Image-I Adapter/A. A special connector is used to make it plug only into this adapter.				<ul> <li>⇒ Next day response time</li> <li>⇒ Option to upgrade to: 24 hr / 7 day</li> </ul>
				coverage, 4 hr response
The 9504 is specifically designed for the Image Plus market to run at 1600 x 1280 resolution. If used in any other resolution than 1600 x 1280 there will be a reduction in picture size in accordance with the following table:				<ul> <li>⇒ 24 hour / 7 day telephone support</li> <li>⇒ 24 hour / 7 day bulletin board</li> <li>⇒ 24 hour / 7 day fay support</li> </ul>
$1600 \times 1280 = 370 \times 296 \text{ mm}$ The Image-I Adapter/A always fills the screen with				<ul> <li>24 hour / 7 day fax support</li> <li>IBM or dealer warranty / service</li> </ul>
$\begin{array}{r} 1600 \times 1280 = 370 \times 296 \\ 1360 \times 1024 = 315 \times 237 \\ 1024 \times 768 = 237 \times 178 \\ 640 \times 480 = 296 \times 222 \end{array}$	mm 1600 x 12 mm are just w	200 pels. The 1360	x 1024 and 1024 x 768 The 640 x 480 mode is	<ul> <li>⇒ IBM of dealer warranty / service</li> <li>⇒ 30 day money back guarantee</li> </ul>
<ul> <li>Product announced October 28</li> <li>All trademarks are the property of t</li> </ul>		Withdrawn from mai Interlaced; NI = Nor		No warranties are expressed or implied in this summa (DISPM) Compiled by Roger Dodson, IBM. June 199

owners (listed on Trademark sheet)

✤ Price decrease effective June 15, 1994