

Flat Panel Monitors

Product overview










BOSCH

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Monitors








Standard Definition

		PC				High Performance		
		General Purpose						
								
		UML-19P-90	UML-151-90	UML-171-90	UML-191-90	UML-172-90	UML-192-90	UML-202-90
Display	Type	19" TFT LCD	15" TFT LCD	17" TFT LCD	19" TFT LCD	17" TFT LCD	19" TFT LCD	20" TFT LCD
	Max Pixel Resolution	1280 x 1024	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1600 x 1200
	Horizontal Resolution	-	500 TVL	500 TVL	500 TVL	500 TVL	500 TVL	500 TVL
	Aspect Ratio	5:4	4:3	5:4	5:4	5:4	5:4	4:3
	Luminance (cd/m2)	300	250	300	300	300	300	300
	Contrast Ratio	800:1	600:1	1000:1	800:1	1000:1	800:1	800:1
	Backlight	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
	Viewing Angle (H x V)	160° x 160°	160° x 160°	160° x 160°	160° x 160°	160° x 160°	160° x 160°	178° x 178°
Composite Video / Audio Loop-through		-	Passive	Passive	Passive	Passive	Passive	Passive
PC Compatible		■	■	■	■	■	■	■
Connectors	Composite Video (BNC)	-	■	■	■	■	■	■
	Y/C (S-video)	-	■	■	■	-	-	-
	VGA	■	■	■	■	■	■	■
	DVI-D	■	-	-	-	■	■	■
	HDMI	-	-	-	-	■	■	■
Audio	Input	■	■	■	■	■	■	■
	Speaker	■	■	■	■	■	■	■
Mechanical	Width	16.9" (430mm)*	13.9" (352mm)*	15.1" (382mm)*	16.9" (430mm)*	15.3" (390mm)	16.9" (429mm)	18.1" (460mm)
	Height	16.9" (428mm)*	14" (355mm)*	15.4" (390mm)*	16.9" (428mm)*	13.7" (349mm)	14.9" (379mm)	15.5" (395mm)
	Depth	7.9" (200mm)*	7.9" (200mm)*	7.9" (200mm)*	7.9" (200mm)*	2.9" (75mm)	3.3" (80mm)	3.2" (80mm)
	Weight	13.1 lb (5.9 kg)*	8.1 lb (3.7 kg)*	14.6 lb (6.6 kg)*	16.9 lb (7.6 kg)*	12.9 lb (5.9 kg)	14.0 lb (6.4 kg)	16.5 lb (7.5 kg)
Power	Power Supply	Included	Included	Included	Included	Included	Included	Included
	Power Consumption	40W	25W	40W	45W	45W	50W	70W
Misc.	Picture-in-picture	-	-	-	-	■	■	■
	Front Panel Lockout	-	■	■	■	■	■	■
	IR Remote	-	■	■	■	■	■	■
Cables Included	VGA-to-VGA	■	■	■	■	■	■	■
	DVI-to-DVI	■	-	-	-	■	■	■
Mounting	VESA Compliant	■	■	■	■	■	■	■
	Tiled Wall Mountable	■	■	■	■	■	■	■
	Rack-mountable	-	-	-	-	-	-	-
	Table Stand	-	-	-	-	-	-	-
	Tilt Wall Mount	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B
	Swivel/Tilt Wall Mount	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B

* Includes base

Monitors

High Definition

		Standard						Wall Tile
								
		UML-193-90	UML-223-90	UML-273-90	UML-323-90	UML-423-90	UML-553-90	UML-463-90
Display	Type	19" LED	22" LED	27" LED	32" LED	42" LED	55" LED	46" LED
	Max Pixel Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Horizontal Resolution	-	-	650 TVL	650 TVL	650 TVL	650 TVL	650 TVL
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Luminence (cd/m2)	250	250	300	350	500	450	450
	Contrast Ratio	1000:1	1000:1	3000:1	3000:1	4000:1	4000:1	3500:1
	Backlight	30,000 hours	30,000 hours	30,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
	Viewing Angle (H x V)	170° x 160°	170° x 160°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Composite Video / Audio Loop-through	-	-	Passive	Passive	Passive	Passive	Passive	
PC Compatible	■	■	■	■	■	■	■	
Connectors	Composite Video (BNC)	-	-	■	■	■	■	■
	Y/C (S-video)	-	-	-	-	-	-	-
	VGA	■	■	■	■	■	■	■
	DVI-D	■	■	■	■	■	■	■
	HDMI	■	■	■	■	■	■	■
Audio	Input	■	■	■	■	■	■	■
	Speaker	■	■	■	■	■	■	■
Mechanical	Width	17.6" (448 mm)	20.3" (515 mm)	25.3" (642 mm)	29.3" (745 mm)	39.0" (977 mm)	49.5" (1256 mm)	40.3" (1024 mm)
	Height	13.1" (332 mm)*	14.6" (370 mm)*	15.0" (380 mm)	17.3" (440 mm)	22.4" (570 mm)	28.6" (727 mm)	22.8" (578 mm)
	Depth	7.2" (182 mm)*	7.2" (182 mm)*	3.0" (76 mm)	3.0" (77 mm)	3.3" (83 mm)	3.3" (83 mm)	4.4" (112 mm)
	Weight	6.6 lb (3.0 kg)	7.9 lb (3.6 kg)	19.95 lb (9.1 kg)	27.6 lb (12.5 kg)	44.1 lb (20 kg)	70.5 lb (32 kg)	55.1 lb (25 kg)
Power	Power Supply	Included	Included	Integrated	Integrated	Integrated	Integrated	Integrated
	Power Consumption	42W	42W	75W	75W	150W	170W	149W
Misc.	Picture-in-picture	-	-	■	■	■	■	■
	Front Panel Lockout	■	■	■	■	■	■	■
	IR Remote	-	-	■	■	■	■	■
Cables Included	VGA-to-VGA	■	■	■	■	■	■	■
	DVI-to-DVI	■	■	■	■	■	■	■
Mounting	VESA Compliant	■	■	■	■	■	■	■
	Tiled Wall Mountable	-	-	-	-	-	-	■
	Rack-mountable	-	-	-	-	-	-	-
	Table Stand	Included	Included	Included	UMM-LED32-SD	UMM-LED42-SD	UMM-LED42-SD	UMM-LED46-SD
	Tilt Wall Mount	UMM-LM-20B	UMM-LM-20B	-	-	ST660	ST660	ST660
Swivel/Tilt Wall Mount	UMM-LM-30B	UMM-LM-30B	UMM-WMT-32	UMM-WMT-32	-	-	-	

* Includes base

** Looping video

Monitors

Mounts



	UMM-LCDUB-RM	UMM-LED32-SD	UMM-LED42-SD	UMM-LED46-SD	UMM-LW-20B	ST660	UMM-WMT-32	UMM-LW-30B
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Type	Rack Mount	Desktop Monitor Stand	Desktop Monitor Stand	Desktop Monitor Stand	Fixed Wall Mount Bracket	Universal Tilt Wall Mount	Tilt Wall Mount	Swivel/Tilt Wall Mount Bracket
Max. Capacity	20.94 lb (9.5 kg)	-	-	-	26.5 lb (12 kg)	200 lb (90.71 kg)	77.1 lb (35 kg)	26.5 lb (12 kg)
Rotation Range	-	-	-	-	360°	-	-	360°
Swivel Range	-	-	-	-	-	-	-	140° + 70°
Tilt Range	+ 35°	-	-	-	-	30° + 15°	20°	140° + 70°
Depth	1.42" – 3.10"	-	-	-	-	-	-	-
Color	Black	Black	Black	Black	Black	Black	Black	Black

UML-19P-90	■				■			■
UML-151-90	■				■			■
UML-171-90	■				■			■
UML-191-90	■				■			■
UML-172-90	■				■			■
UML-192-90	■				■			■
UML-202-90					■			■
UML-193-90					■			■
UML-223-90					■			■
UML-273-90							■	
UML-323-90		■					■	
UML-423-90			■			■		
UML-463-90				■		■		
UML-553-90			■			■		