

42" Plasma Monitor Spec.

		HITACHI 42PMA300A	
General	Power supply	AC100-240V	
	Frequencies	50/60 Hz	
	Power consumption	310W	
	stand-by	Max. 3W	
	Dimensions(W x H x D)	1030 x 636 x 91 mm (w/o SP, Stand)	
	Weight	34.2 kg (w/o SP, Stand)	
Stand	Option		
Display Characteristics	Effective display area (HxV)	920mm x 518mm, 1059mm diagonal	
	Aspect ratio	16 : 9	
	Number of pixels (HxV)	852 x 480 pixels	
	Pixel pitch (HxV)	1.08 x 1.08 mm	
	Number of colors (gray levels)	16.7 million colors (256 gray levels)	
	Brightness (white peak) *1	Panel brightness : Typical 1,000cd/m2	
	Contrast ratio (Panel)	Typ 3,000 : 1 (In dark room)	
Input Signal	RF		
	RF Multiplex		
	Text		
	Video Signal	PAL/ SECAM/ NTSC4.43/ NTSC3.58/ PAL-M/ PAL-N	
	Component Signal	480i/p, 575i/p, 720p(60), 1080i, (50/60), 1035i (60)	
	Analog RGB Signal	VGA-UXGA (fV:31-106kHz, fH:50-85Hz), 1080i (50/60)	
	DVI RGB Signal	H:31-62KHz V:50-85Hz Dclk:20-80MHz	
Signal input and terminals	RGB input	RGB1 (DVI) +Audio : 24pin DVI *1 RGB2 (RGB/Y,Pb,Pr)+Audio : Mini D-sub 15P Audio : 3.5mm stereo mini jack	
	Control terminal	1(RS-232C) : D-sub 9pin	
	Video input	Video1 (CVBS/Y,Pb,Pr) +(L,R) : RCA pin	*2
		Video2 (CVBS/scart-RGB/Y,Pb,Pr) +(L,R) : RCA pin	*2
		Video3 (CVBS,S-video) +(L,R) :RCA pin	*2
		Video4 (CVBS/S/scart-RGB,L+R) : 21pin Scart	
Digital Interface	-		
Signal output	Speaker output	L+R (12W+12W at 6 ohm)	
	head phone	-	
	sub woofer out	-	
	A/V output	1(CVBS+L/R) :RCA pin	
	IR Blaster	-	
Picture	Comb Filter	PAL : 3-Line NTSC : 3-D	
	Noise Reduction	YNR / CNR	
	LTI / CTI	YES	
	AVL	YES (perfect Volume)	
	Picture mode	Dynamic / Natural (Memory by Input)	
	White Balance	4 (Cool, Normal, Warm, Black & White)	
	Aspect ratio mode	5 (Panoramic, Zoom, Cinema, Full, 4:3)	
	Dinamic Contrast	Yes (improved)	
	Color Management	Yes (improved)	
	1024 Progressive	No	
	Film Theater	Yes (Film Mode)	
Image Engine	FC5		
Sound	1-Bit Delta-Sigma Modulation	YES	
	Digital Amp.	YES	
	Surround	SRS TruBAss Matrix Surround	
	Sound mode	4 (Movie Music Speech Favorite)	
	Audio Power (RMS)	12W+12W	
Operation	OSD Languages	English / Chinese1 / Chinese2 / Russian / Japanese	
	Timer	Yes	
	Side by Side Picture	Yes	
	4 Picture mode	-	
	12 Picture mode	-	
	P in P function (PC)	(main)PC, (sub) Video-X :X=1,2,3,4	
	Wide Mode (Picture size)	Video 5-mode PC 5-mode Panoramic Zoom Cinema Full 4:3 Full Real Normal Zoom1 Zoom2 Zoom3	
	Image Retention	Screen Saver, Screen Wipe, Invers, Standby White, Panel life (Extend 1, Extend 2)	
	Operation	Switches/buttons	
		Main power	Yes
Stand-by / on		Yes (monitor)	
secondary		Pro.u/d , Vol u/d , TV/Video , Function (monitor)	

*1:(RGB1 is capable to support component signal.It is changeable and selected by OSD(remote control))

*2: CVBS or S-side or Component signal changeable and selected by OSD(remote control)