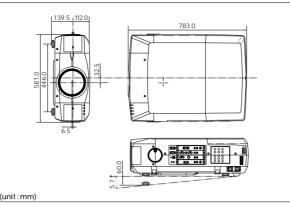
Specifications & Dimensions

Specifications

Specifications						
Model number		PLV-HD10				
System Optics		3-color LCD shutter projection system				
		Dichoroic mirror separation/prism synthesis sytem				
Size		1.65-inch (16:9), x 3, with micro-lens				
Drive system		Polysilicon active matrix TFT				
LCD panel	Number of pixels	6,220,800 pixels: 2,073,600 (1,920 x 1,080) x 3				
	Configuration	Stripe				
Lens		Optional				
Lamp		250W UHP x 4				
Projection size		40 to 600 inches diagonal				
Throw distance		Differs depending on installed lens				
Color reproduction		Full color (16.77 million colors)				
Brightness*		5,500 lumens				
Uniformity*		90%				
Contrast ratio*		1,000:1 (full on/off)				
Noise		46 dB				
Audio output		3 W + 3 W				
Speaker		Ø7 cm x 2				
Scanning frequency		H-sync: 15–120 kHz, V-sync: 50–120 Hz, Dot clock: 230 MHz (sync on G)				
Horizontal resolution	RGB	1,920 dots				
rionzontal resolution	Video	1,100 TV lines				
	•	Input 1: Dual-SDI (HD/SD-SDI)				
Signal Terminals		Input 2: RGBHV/Y, Pb/Cb, Pr, Cr (BNC x 5) Audio (RCA x 2), Control (mini DIN8pin)				
Signal Terminals		Input 3: DVI-I (HDCP)				
		Input 4: (OPEN)				
Operating temperature		5–35 C				
Power supply		AC 120-240 V, 50/60 Hz, auto voltage				
Power consumption		1,500 W				
Dimensions (W x H >	(D)	581 x 252 x 783 mm				
Net weight		38 kg				
Standard accessories	S	Owner's manual, warranty card, AC power cord (3 m, x 3), light shield (x 6), lens attachment (x 2), wireless/wired remote control (x 1), AA-size dry batteries for remote control (x 2), cable for remote control (x 1), dust cover (x 1), control cable (x 1), DVI/D-sub (15pin) adapter, DVI cable (x 1), DVI/Mac adapter (x 1), Real Color Manager CD-ROM (x 1)				
Other functions		Expected lamp life: 1,500 hours (with lamp replacement LED indication) Power zoom/focus/lens shift Freeze No Show 6 color system (NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM) HDTV-ready (480i, 480p, 575i, 575p, 720p, 1035i, 1080i) 3D V/C separation 3D noise reduction New progressive scan (1080i) Lamp mode Color management Lamp power control Auto picture control Auto fan control Key lock Screen adjustment On-start 12-language menu (English, German, French, Spanish, Italian, Portuguese, Dutch, Swedish, Russian, Chinese, Korean, Japanese) Network-ready Real Color Manager software supplied				

* Measured in compliance with * Guidelines for LCD Projector Measuring Procedures and Measuring Conditions* (June 1999) by the Japan Business Machine Makers Association (JBMA).

External dimensions (unit:mm)





Real UXGA Projector 5500 Im PLV-HD10

Real HDTV		600 inch 40-600 inch	UX GA E 7 E 0 0 0 0 HO D	√Lans thiti≻	MOTOR ZOOM	AUCC
FAN CONTROL SYSTEM	HIGH-CONTRAST PATTO 1000:1	DVI-I	Lens Options Plus	3D DIGITAL Progressive Scan	3D DIGITAL Noise Reduction	LAMP Management
MVIP						





Safety Precautions

• Do not install the LCD projector in areas exposed to water, humidity, dust, oil or smoke or in close proximity to heat sources. Make sure the heat vents are not blocked. Fire, electrical shock or unit malfunction may result if the above precautions are neglected. • Do not look through the lens while projecting as damage to the eyes could result. Take special care when children are close by. • Do not look at the laser beam coming out of the remote control unit or direct the laser beam toward a person. Direct contact with the laser beam may cause damage to the eyes.

Remarks

- LCD panel manufacturing requires extremely high-precision technology with pixels having a 99.99% quality control rating. However, there does exist a 0.01% or smaller possibility of dead pixels or constantly lit pixels.
- Please note that product colors in the brochure may differ slightly from those of actual products. All screen pictures in the catalog are simulated. Product appearance and specifications subject to change without notice.

Further details regarding this product can be accessed at http://www.sanyo-lcdp.com/english/

*Caution: please consult the instruction manual to ensure safe and proper operation of the product.

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AV S olutions Company
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SML-046



Real HDTV 1080i Projection PLV-HD10

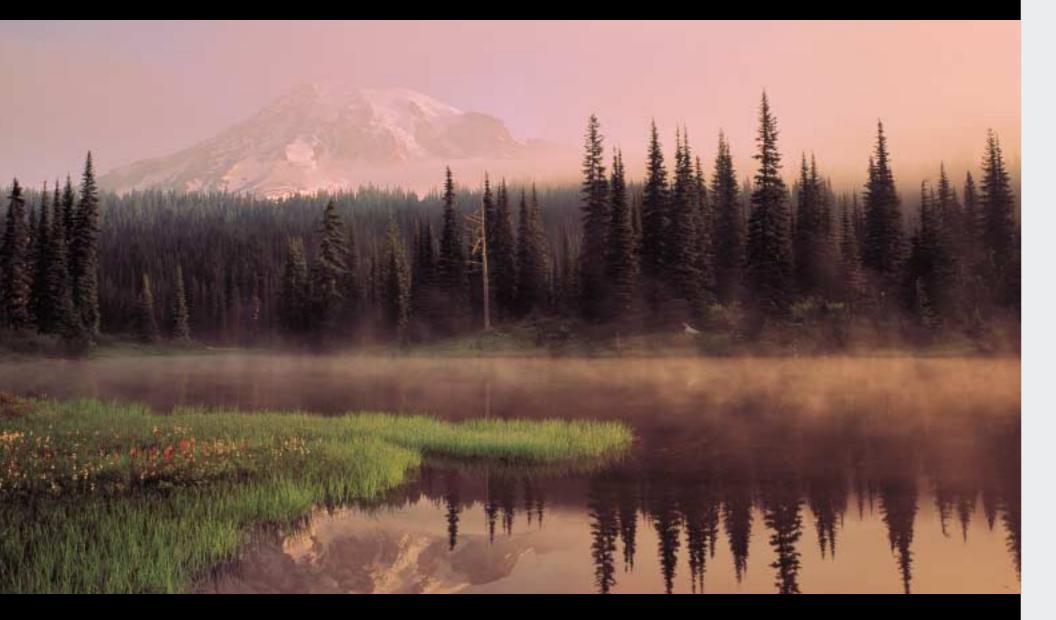


High-Quality, Real HDTV 1080i Images

The PLV-HD10 multimedia LCD projector uses Sanyo's most advanced video, optical and digital technologies to deliver precise, true HDTV 1080i projection.

With a high-contrast optical system that features three 1,920 x 1,080 pixel LCD panels, 12-bit progressive scanning and a trio of 3D digital circuits,

the PLV-HD10 provides the superior picture quality demanded in high-level professional applications.

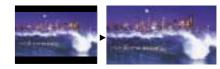




Higher Performance High-Intensity, High-Precision Projection

Real HDTV 1080i Projection

The PLV-HD10 employs three 1.65-inch TFT polysilicon LCD panels (16:9 aspect ratio) with micro lenses. With 1,920 x 1,080 pixels in each panel (for a total of 6,220,800 pixels), the PLV-HD10 can project native HDTV 1080i signals in full resolution.



High-Contrast O ptical S ystem

The PLV-HD10's optical system achieves outstanding 1,000:1 contrast. This means easy-to-see images with deep, rich blacks that deliver the full viewing power of cinema sources.





High-Color-Purity O ptical S ystem

This advanced Sanyo system improves reproducibility of the three primary colors (red, blue, and green) to deliver a superior overall color performance that's suitable for digital cinema.





Four-Lamp O ptical S ystem for 5,500-lm Brightness

Four 250-W UHP (1.35-mm short arc) lamps combine to provide 5,500 lumens of brightness. You can also stack two PLV-HD10 units for even more powerful projection with double the brightness Ñ11,000 lm. Brightness uniformity exceeds 90%.



Selectable Lighting M odes

Two brightness modes Nhigh-brightness and economy Nlet you select the lighting mode that's best suited to the conditions and your application. In high-brightness mode all four lamps are turned on. Economy mode gives you half the brightness but twice the usable time. The PLV-HD10 includes a fail-safe function that automatically switches the mode if a lamp is accidentally turned off. It switches from four lamps to two, or from two lamps to one*.

* A switchover to the one-lamp mode only occurs if an emergency should arise. In one-lamp mode, color and brightness correction is not performed.



Beautiful Images from a Variety of Sources Digital Technology for Superb Picture Quality

New Progressive S can I C for S mooth, Clear M oving Pictures

A newly developed progressive scan IC provides 12-bit processing of HDTV 1080i signals. Moving pictures are smooth and clear thanks to Sanyo's original motion adaptive line interpolation, which greatly improves jagged diagonal lines. The PLV-HD10's full 2-3 pulldown compatibility assures superior viewing quality from film sources.



High-Quality I/ P Conversion T echnology

This technology reduces jaggedness in diagonal lines by adaptively complementing pixels according to a diagonal correlation value determined from 33 horizontal and 4 vertical pixels. The pixel area sampled is optimized to improve the correlation value and motion-detecting precision. This also improves jaggedness in lines that are nearly horizontal \tilde{N} something that was difficult in the past.





Telecine Corrective I/ P Conversion T echnology

The PLV-HD10 detects when you input telecine images that have been converted from film to video, and faithfully reproduces the original frames. To boost detection accuracy, it evaluates the motion of each pixel and then uses the cumulative value to determine whether the image is telecine or conventional.

10-Bit Digital G amma Correction

A 10-bit digital gamma correction control function provides smoother gradation characteristics by adjusting the gradation according to the input image.





Triple 3-D Digital Circuits

The PLV-HD10 incorporates three 3-D digital circuits. A 3-D digital progressive circuit provides interlace/progressive conversion of 1080i signals. A 3-D digital Y/C separation circuit helps boost resolution and reduce noise, and a 3-D motion-adaptive digital noise reduction circuit reduces signal interference between pixels.

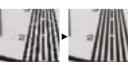
Crosstalk/Ghosting Canceller

This eliminates ghosts or after-images. The crosstalk canceller reduces signal interference between the drive circuits on the liquid crystal panels. Line/dot inversion helps reduce the signal interference between pixels.



Intelligent S harpness Controller

This circuit uses gain-adaptive LTI (Luminance Transient Improvement), gain-adaptive CTI (Color Transient Improvement), and gain-adaptive edge emphasizing technologies to sharpen the detail in areas where the image signal is shallow, such as in ruled lines and in characters prone to generating bright lines. The result is clearer, sharper images from both RGB and video sources.



3D-AUCC Circuit

The 3D Automatic Uniformity Correction Control circuit provides precise compensation at some 7,425 points for smooth, natural gradation. Compared with conventional systems*, this provides more than 10 times the control over color problems caused by a lack of brightness conformity.

* Conventional AUCC circuits use 624 correction points.

conventional Acco circuits use 624 correction points.

Supporting Various User Systems Superb Expandability

Easy-Replaceable Lenses

Choose any of nine optional lenses, from short-throw to zoom magnification. The bayonet-mount system makes replacement easy: simply mount the lens in the supplied adapter and screw the adapter in place.



Two lens adapters supplied.

Multi-Versatile I nterface Platform (MVIP) S ystem

The PLV-HD10 has four slots for accommodating interface boards, which allows the user to interchange any of supplied board with the desired optional board* The RS-232C input and cross-through output terminals are also provided for easy and flexible system configuration.

Optional N etwork Board

Adding the optional network board enables more precise settings and remote operation than the control via the RS-232C interface.

Power-Driven Lens S hift

The PLV-HD10's power-driven lens shift (up/down and left/right) is especially effective for projection with two units stacked.

Real Color M anagement

This makes it easier to adjust the white balance and gamma curve adjustments: simply compare the projected images from the enclosed CD-ROM* with the images on the enclosed photo sheet. Because you can view the image as you adjust the settings, it's easy to attain faithful color reproduction in almost any projection environment. This function also responds to professional needs by allowing precise color settings using the gamma curve for each RGB color. Once settings are correct, you can store them on a PC** and later retrieve them for easy set-up.

* Windows 98/Me/2000/XP ** One batch of settings can be saved in projector memory.

Other Features

¥ Intelligent AI

¥ React image function

¥ High-resolution, 30-bit color projection: 1,073,741,824 colors

¥ Multi-color on-screen menu

¥ RS-232C in and out terminals (daisy chain supported)

¥ On-Start: Allows quick projection simply by switching the system on

¥ Power management function automatically turns the powe off when no signals are entered

¥ Retractable carrying bar

¥ Adjustable leg system with a pop-up handle and shuttle dials

¥ Many presentation support functions, including freeze, No Show and so on

¥ High-definition digital resizing with DRIT

¥ Rear and hanging projection capability

¥ Built-in stereo amplifier and speakers (3W + 3W)

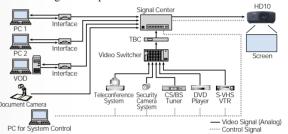
¥ Wireless/wired mouse remote controller with built-in

¥ Auto Picture Control ¥ Auto Lamp Control

Responding to a Host of Large-Screen Needs

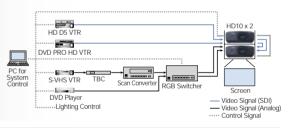


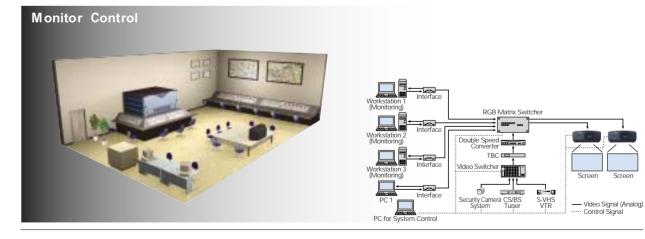
Project crisp, sharp images from a variety of sources - PCs, document cameras, VTRs and more. With the PLV-HD10's high output and brightness, there's no need to dim the room lights - so viewers can read handouts and take notes comfortably during the presentation. Using a PC gives you total control over image source switching, for easy, flexible large-screen presentations.





Stack two PLV-HD10 units, and you can project images from high-definition sources onto a large screen at an even higher brightness level. Using a system control PC, all facets of the presentation - from start-up and brightness adjustment to image source switching - can be handled automatically. The PLV-HD10 is also ideal for "electric cinema" - a concept now drawing attention as a next-generation movie distribution system.





7

Dedicated options











Common-use O ptions

		D min #940	2-000 SQ 85 A	200 . 12 .
Option In	terface Module	POA-M D11 DVI: DVI	POA-MD16VD1:5BNC	POA-M D03V D2A: VIDEO/Y/C
Pro	oduct name	DVI Board	5-BNC Board	Video/YC Board
	Item code	POA-MD11DVI	POA-MD16VD1	POA-MD03VD2A
Image	Terminal	DVI	R/Pr, G/Y, B/Pb, H/HV, V 5-BNC	Video/Y, C & S-Video 2-BNC & S-terminal
image	Signal	T.M.D.S	RGBHV, Sync on RGB and Component	Composite and Y,C
Sound	Terminal	RCA x 2	RCA x 2	RCA x 2
Souria	Signal	500mVrms (47KΩ)	500mVrms (47KΩ)	500mVrms (47KΩ)
Others	Control board	Min DIN 8-Pin	Min DIN 8-Pin	-
Others	LAN port	-	-	-
\	Weight (g)	128	158	164
Exterior dim	ensions W x H x D (mm)	187 x 30 x 110	187 x 30 x 110	187 x 30 x 110
Co	mpatibility	0	0	0
			11	11

		POA-MD18DVI	POA-MD17SDID	POA-MD13NET2
			<u> </u>	
	duct name	DVI Board	Dual-SD Board	Network Board
lt.	tem code	POA-MD18DVI	POA-MD17SDID	POA-MD13NET2
Image	Terminal	DVI	HD/SD-SDI(IN2/OUT1) 3BNC	-
inage	Signal	T.M.D.S	SMPTE259M SMPTE259M-C	-
Sound	Terminal	RCA x 2	-	-
30unu	Signal	500mVrms (47KΩ)	-	-
Others	Control board	Min DIN 8-Pin	-	D-sub 9-pin
Officers	LAN port	-	-	Module 8-pin
W	Veight (g)	128	154	155
Exterior dimer	nsions W x H x D (mm)	187 x 30 x 110	187 x 30 x 110	187 x 30 x 110
Cor	mpatibility	Ō	0	Ō

Cables and Adaptors

Product name	Item code	Remarks
Cable kit for computer* connection	KA-CB-KIT	Cable for DOS/V OS (Length:1.8m, terminal:Mini D-Sub15pin, Shape: male-male). MAC and PC98 adaptors, one type each (Shape:male-female).
RGB extension cable	KA-MC-DB10	Terminal type:Mini D-Sub15pin (male-female).
MAC adaptor	POA-MACAP	For MAC connections (use in combination with accessory analog RGB cable). Corresponds to 13", 16", 19" and 21" modes.
Mouse control cable	POA-MCMAC	For MAC connections, 2.7m cable length, terminal type:Mini DIN8pin (male)-Mini DIN4pin (male).
Wouse control cable	POA-MCSRL	For serial terminal connections, 2.7m cable length, termina I type:Mini DIN8pin (male)-D-Sub9pin (female).
Mouse extension cable	POA-MC10	For extending mouse control cable, 10m cable length, terminal type:Mini DIN8pin (male)-Mini DIN8pin (female).

* If a laptop with non-standard terminals is used, be sure to use adaptors specified by the laptop's manufacturer.

Graphic Accelerator *O ptions to attach to your PC

F	Product nar	ne	Graphic accelerator board	Graphic accelerator card	
Item code			POA-BPCI01	POA-CBUS01	
	Corresp mo		PCI-Bus loaded DOS/V machine	CardBus correspondent PC card (TYPE II) Slot loaded DOS/V machine	
	Corresponding OS		Windows 98 / 95@		
	RGB out	Analog	Mini D-Sub15pin	Exclusive 16pin	
	terminal	Digital	MDR20pin	Exclusive 26pin	
Main features	Resolu (Max. colo		640 x 480 (full color) 800 x 600 (full color) 1024 x 768 (full color) 1280 x 1024 (full color) 1600 x 1200 (high color)	640 x 480 (full color) 800 x 600 (full color) 1024 x 768 (full color) 1280 x 1024 (high color)	
	Access	sories	1 display driver (FD), 1 Instruction Manual	1 analog RGB output cable, 1DFP compatible digital output cable, 1 display driver (FD), 1 Instruction Manual.	
				Instruction Manual.	

* A dedicated flat panel display digital cable is required when using the digital output.
* Applicable display resolution varies depending on the projector used.

S creens and S tands

V-101KZ V-81KZ V-61KZ	0.88 0.88 0.88 0.88	Type 100 Type 80 Type 60
V-102SP	1.0	
V-82SP	1.8	Type 100 Type 80
V-81RU	2.2	Type 80
		V-81RU 2.2

Types 60 & 80 : 1 hangerType 100 : 2 hangers (2 stands necessary)

Flat Panel Display Digital Cable
POA-DFP0301: Cable lengh:3m POA-DFP1001: Cable lengh:10m

DVI-DFP Converter Adaptor
POA-ADP-VF * Required when connecting the digital flat panel cable to the DVI terminal.

Terminal



Product number LNS-W093	224-325mm
Product number LNS-W03 LNS-W012 LNS-	T012 LNS-T03 T012 LNS-T03 Smm 224- 325 mm 8.0 F2.2- F2.5 Smm 169 mm 16g 7.3kg 0.10 10.0 0.10 3.32 2:3-3:2 manual Manual O O O O O O O O O O O O O O O O O O O
Focal length 30mm	224- 325mm
F value	.0 F2.2- F2.5 .8mm 169mm kg 7.3kg 0.10 10.0- 0.10 3:2 2:3- 3:2 manual Manual 0 O w// Max. Stack Min. zoom 1m 5.7m 7.0m 8.2m
Lens Aperture 175mm 175mm 175mm 120mm 110mm 137mm 95mm 130mm 110mm 137mm 137mm 95mm 130mm 130mm 110mm 137mm	169mm
Projection H1:H2	kg 7.3kg 0:10 10:0- 0:10 3:2 2:3- 3:2 manu a 1 Manu a 1 0 0 0 0 mul max. Stack point zoom point zoom 1m 5.7m 7.0m 8.2m
Projection H1:H2 1:1 10:0-0:10 10:0-0:10 8:1-1-18 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 10:0-0:10 1	0:10 10:0-0:10 3:2 2:3-3:2 manu al Manu al 0 0 0 Max. Stack Min. point zoom point zoom 1m 5.7m 7.0m 8.2m
Twin stack support X	manu al Manual overland Max. Stack point zoom point zoom 8.2m
Throw Thro	Name Name
Throw Screen size Throw Max. Stack Min. Max. Stack	Max. Stack Min. zoom 1m 5.7m 7.0m 8.2m
Series S	point zoom point zoom 1m 5.7m 7.0m 8.2m
Solinch type 0.84m 1.3m 1.5m 1.5m 2.0m 2.5m 2.8m 2.8m 2.8m 3.6m 3.8m 3.9m 4.4m 5.0m 5.0m 5.7m 6.9m 7.7m 6.0m 6.0m 6.9m 8.2m 7.7m 7.7m 8.7m 9.0m 7.7m 7.7m 8.7m 9.0m 7.7m 7.7m 8.7m 9.0m 7.7m 7.7m 8.7m 9.0m 7.7m	
60-Inch type	
80-inch type	1m 8.4m 10.4m 12.1m
90-inch type	7m 9.8m 12.0m 14.1m 2m 11.1m 13.7m 16.1m
110-linch type 1.9m 2.9m 3.4m 3.9m 4.4m 4.8m 6.2m 6.3m 6.3m 8.0m 8.5m 8.4m 9.4m 10.9m 10.8m 12.5m 15.0m 16.3m 18.0m 13.0m 13.2m 3.2m 3.2m 3.2m 4.2m 4.8m 5.3m 6.8m 6.9m 6.9m 6.9m 8.8m 9.9m 10.1m 9.9m 11.3m 12.8m 12.7m 13.0m 16.3m 18.0m 10.0m	7m 12.4m 15.4m 18.1m
120-lnch type 2.1m 3.2m 3.7m 4.2m 4.8m 5.3m 6.8m 6.9m 6.9m 8.8m 9.3m 9.2m 10.5m 11.8m 11.7m 13.7m 16.3m 18 130-lnch type 2.5m 3.4m 4.0m 4.6m 5.3m 5.8m 7.4m 7.5m 7.5m 9.5m 10.9m 10.7m 19.9m 11.3m 12.8m 12.8m 13.6m	3m 13.8m 17.0m 20.0m 8m 15.1m 18.7m 22.0m
140-linch type 2.5m 3.7m 4.3m 5.0m 5.7m 6.2m 8.0m 8.1m 8.0m 10.2m 10.9m 10.7m 12.2m 13.8m 13.6m 15.9m 19.0m 2.1	3m 16.5m 20.4m 24.0m
150-linch type 2.7m	9m 17.8m 22.0m 25.9m 4m 19.2m 23.7m 27.9m
170-inch type 3.0m	9m 20.5m 25.4m 29.9m
180-inch type	5m 21.8m 27.0m 31.8m 0m 23.2m 28.7m 33.8m
200-linch type	5m 24.5m 30.4m 35.8m
210-inch type	1m 25.9m 32.0m 37.7m 6m 27.2m 33.7m 39.7m
230-inch type	6m 27.2m 33.7m 39.7m 1m 28.5m 35.4m 41.7m
240-inch type	7m 29.9m 37.0m 43.6m 2m 31.2m 38.7m 45.6m
260-linch type	7m 32.6m 40.4m 47.6m
270-inch type	2m 33.9m 42.0m 49.5m 8m 35.3m 43.7m 51.5m
290-inch type 5.2m 7.8m 9.1m 10.4m 11.8m 13.1m 16.6m 17.1m 16.9m 21.4m 22.8m 22.0m 25.2m 28.5m 28.0m 32.9m 39.2m 44 300-inch type 5.4m 8.0m 9.4m 10.7m 12.2m 13.5m 17.2m 17.7m 17.4m 22.1m 23.6m 22.8m 26.0m 29.5m 29.0m 34.0m 40.5m 48.0m 310-inch type 5.6m 8.8m 9.7m 11.1m 12.7m 14.0m 17.8m 18.3m 18.6m 22.9m 24.4m 23.5m 26.9m 30.4m 29.9m 35.1m 41.8m 43 300-inch type 5.7m 8.6m 10.0m 11.5m 13.1m 14.5m 18.4m 18.8m 18.6m 23.6m 25.2m 24.3m 25.0m 26.0m 30.4m 30.9m 36.3m 43.2m 49 330-inch type 5.9m 8.8m 10.3m 11.8m 13.5m 14.9m 19.0m 19.4m 19.2m 24.3m 25.9m 25.1m 28.6m 32.4m 31.9m 37.4m 44.5m 55 350-inch type 6.1m 9.1m 10.6m 12.2m 13.9m 15.5m 19.5m 20.1m 19.5m 20.0m 19.8m 25.1m 26.7m 25.8m 29.5m 33.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.4m 25.8m 25.8m 25.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.4m 25.8m 25.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.4m 25.8m 25.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 10.5m 12.6m 14.3m 15.8m 20.1m 20.4m 25.8m 25.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 10.5m 20.5m 25.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 25.5m 25.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 55 350-inch type 6.3m 9.4m 34.5m	3m 36.6m 45.4m 53.5m
300-inch type 5.4m 8.0m 9.4m 10.7m 12.2m 13.5m 17.2m 17.7m 17.4m 22.1m 23.6m 22.8m 28.0m 29.5m 29.0m 34.0m 40.5m 45 310-inch type 5.5m 8.8m 9.7m 11.1m 12.7m 13.1m 14.5m 18.4m 18.8m 18.6m 23.6m 23.5m 24.4m 23.6m 25.2m 24.3m 27.8m 30.4m 29.9m 35.1m 41.5m 43.5m 43.2m 43.30-inch type 5.7m 8.6m 10.0m 11.5m 13.1m 14.5m 18.4m 18.4m 18.4m 18.4m 23.6m 25.2m 24.3m 27.8m 31.4m 30.9m 36.3m 43.2m 43.30-inch type 5.9m 8.8m 10.3m 11.8m 13.5m 14.9m 19.0m 19.4m 19.2m 24.3m 25.9m 25.1m 28.4m 31.4m 3	8m 37.9m 47.0m 55.5m
320-inch type 5.7m 8.6m 10.0m 11.5m 13.1m 14.5m 18.4m 18.8m 18.6m 23.6m 25.2m 24.3m 27.8m 31.4m 30.9m 36.3m 43.2m 49.330-inch type 5.9m 8.8m 10.3m 11.8m 13.5m 14.9m 19.0m 19.4m 19.2m 24.3m 25.9m 25.1m 28.6m 32.4m 31.9m 37.4m 44.5m 50.340-inch type 6.1m 9.1m 10.6m 12.2m 13.9m 15.4m 19.5m 20.4m 19.5m 20.6m 26.7m 25.8m 29.5m 32.4m 31.8m 38.8m 45.9m 50.340-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53.350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53.350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53.350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53.350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53.350-inch type 6.3m 9.4m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53.350-inch type 6.3m 9.4m 25.2m 25.	4m 39.3m 48.7m 57.4m 9m 40.6m 50.4m 59.4m
330-linch type 5.9m 8.8m 10.3m 11.8m 13.5m 14.9m 19.0m 19.4m 19.2m 24.3m 25.9m 25.1m 28.6m 32.4m 31.9m 37.4m 44.5m 50 340-linch type 6.1m 9.1m 10.6m 12.2m 13.9m 15.4m 19.5m 20.0m 19.8m 25.1m 26.7m 25.8m 29.5m 33.4m 32.8m 38.5m 45.9m 52 350-linch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 37.7m 47.2m 53	4m 42.0m 52.1m 61.4m 0m 43.3m 53.7m 63.3m
350-inch type 6.3m 9.4m 11.0m 12.6m 14.3m 15.8m 20.1m 20.6m 20.4m 25.8m 27.5m 26.6m 30.4m 34.4m 33.8m 39.7m 47.2m 53	0m 43.3m 53.7m 63.3m 5m 44.7m 55.4m 65.3m
	0m 46.0m 57.1m 67.3m
360-inch type 6.5m 9.7m 11.3m 12.9m 14.7m 16.3m 20.7m 21.2m 21.0m 26.6m 28.3m 27.3m 31.2m 35.3m 34.7m 40.8m 48.6m 55	6m 47.3m 58.7m 69.2m 1m 48.7m 60.4m 71.2m
	6m 50.0m 62.1m 73.2m
390-inch type 7.0m 10.5m 12.2m 14.0m 15.9m 17.7m 22.4m 23.0m 22.7m 28.8m 30.7m 29.6m 33.8m 38.3m 37.6m 44.2m 52.6m 59	2m 51.4m 63.7m 75.1m 7m 52.7m 65.4m 77.1m
	2m 54.1m 67.1m 79.1m 8m 55.4m 68.7m 81.0m
420-inch type 7.6m 11.3m 13.2m 15.1m 17.2m 19.0m 24.2m 24.8m 24.5m 31.0m 33.1m 31.9m 36.4m 41.2m 40.5m 47.6m 56.6m 64	8m 55.4m 68.7m 81.0m 3m 56.7m 70.4m 83.0m
	8m 58.1m 72.1m 85.0m 4m 59.4m 73.7m 87.0m
	9m 60.8m 75.4m 88.9m
	4m 62.1m 77.1m 90.9m 0m 63.5m 78.7m 92.9m
	0m 63.5m 78.7m 92.9m 5m 64.8m 80.4m 94.8m
	0m 66.1m 82.1m 96.8m
	6m 67.5m 83.7m 98.8m 1m 68.8m 85.4m 100.7m
520-inch type 9.4m 14.0m 16.3m 18.7m 21.3m 23.6m 29.9m 30.8m 30.4m 38.4m 41.0m 39.4m 45.1m 51.0m 50.1m 58.9m 70.1m 79	
	6m 70.2m 87.1m 102.7m
550-inch type 9.9m 14.8m 17.3m 19.8m 22.5m 25.0m 31.7m 32.5m 32.1m 40.7m 43.4m 41.7m 47.7m 53.9m 52.9m 62.3m 74.1m 84	
	6m 70.2m 87.1m 102.7m 2m 71.5m 88.7m 104.7m 7m 72.9m 90.4m 106.6m 2m 74.2m 92.1m 108.6m
580-inch type 10.5m 15.6m 18.2m 20.9m 23.7m 26.4m 33.4m 34.3m 34.3m 34.9m 42.9m 45.7m 44.0m 50.2m 56.9m 55.8m 65.7m 78.1m 88	6m 70.2m 87.1m 102.7m 2m 71.5m 88.7m 104.7m 7m 72.9m 90.4m 106.6m
590-inch type 10.6m 15.9m 18.5m 21.2m 24.2m 24.8m 34.0m 34.9m 34.5m 43.5m 45.5m 45.5m 57.9m 56.8m 66.8m 79.5m 90.0m 10.8m 16.1m 18.9m 21.6m 24.6m 27.3m 34.6m 35.5m 35.5m 44.4m 47.3m 45.5m 52.0m 58.8m 57.7m 67.9m 80.8m 91.0m 10.8m 10.8	6m 70.2m 87.1m 102.7m 2m 71.5m 88.7m 104.7m 72.9m 90.4m 106.6m 2m 74.2m 92.1m 108.6m 8m 75.5m 93.7m 110.6m 3m 76.9m 95.4m 112.5m 8m 78.2m 97.1m 114.5m