LED DISPLAY SOLUTIONS
creating experiences that excite

CHOOSING THE RIGHT SOLUTIONS PARTNER

Selecting the right LED video display solution can be a daunting task. The quality, performance and cost of the product as well as the company behind the installation, service, and support, are amongst the leading factors in the decision making process.

As a world-class Audio Visual electronics company, Panasonic applies decades of engineering and design expertise to provide a complete end-to-end solution.

CONSULTANCY

Panasonic understands the the complexity of the decision making process when it comes to choosing the right technology, and we aim to make this as easy as possible. Our industry professionals have years of experience and are here to help you every step of the way.

DESIGN

With over 30 years experience in the LED Signage Solutions Market, Panasonic has a wealth of knowledge when it comes to designing the right turnkey system for your business, and remains one of the longest standing LED display providers, with a number of LED installations across the worldwide.

COLLABORATION

As part of the company's commitment to offering a full turnkey solution, Panasonic also works closely with a range of industry partners to ensure our solutions successfully address all of your business needs.

COMMUNICATION WTHOUT BORDERS

The Panasonic brand is synonymous with cutting edge video technology and our high resolution LED displays are no exception.

With an abundance of screen options and continually advancing technology, Panasonic is perfectly positioned to help you take the edge off when choosing the right display solution. Bezel-less LED displays are able to deliver an all screen experience and be customised to any shape and size, and to suit any type of environment.

ENGINEERED TO PERFECTION

Reliable die-cast manufacturing creates a flawless image with no gaps between modules.

CUSTOMISED DESIGNS

LED displays offer more than your traditional LCD screens. Panasonic's bespoke designs can be tailored to meet any business requirement, providing effective and long lasting branding or messaging.

INTELLIGENT

Panasonic intelligent series provides – thin/low weight intelligent module. Less wired connection, and smarter control.

VIEWABLE FROM ANY ANGLE

An extra wide 160° viewing angle, both vertically and horizontally, means maximum exposure and visibility.

FLEXIBLE PURCHASE OPTIONS

Do you need finance or the flexibility of hassle free monthly repayments? Whatever your requirement, Panasonic is able to consider the multiple purchasing options to best suit your needs.

PERFECT PITCH

With an incredibly diverse pixel range from 0.9 fine pitch indoor displays to robust 10mm outdoor displays, Panasonic has the ability to deliver dazzling picture quality that engages viewers in any environment.

STRESS FREE INSTALLATION

Installation of your Panasonic LED display is quick and effortless due to its modular design, saving you time and resources, whilst minimising overall project costs.

SUPPORT & MAINTENANCE

Keep your display looking great and ask our expert team about support and maintenance packages to help keep your business running smoothly and reduce the daily stresses from your day to day operations.

OUTDOOR DISPLAYS

Panasonic's range of large format outdoor LED displays deliver the most vibrant images with unrivalled brightness and clarity, rain or shine. From theatre and shopping mall entrances to sports stadiums, we have what you need for any occasion.

THE PERFORMANCE BENCHMARK

The PFS Series is our classic line of fixed outdoor LED displays. As one of the most popular products in the line up, the PFS Series has been in production for over a decade, undergoing continuous improvements in its design and performance that have established it as the benchmark in LED displays today.Modules are separated from the power supply to double heat dissipation channels, which helps to extend the service lifespan to maximize the investment returns for you.

THE LATEST TECHNOLOGY

The latest technology of outdoor module with smaller pitch size 3.9 and 4.8mm.

INDOOR DISPLAYS

Panasonic offers a wide range of indoor LED displays in varying sizes and pixel pitches. Regardless of the series, our displays are a guaranteed stand out and are suitable for a variety of locations including concert arenas, conference venues, retail environments, control rooms, and even broadcast studios.

SLEEK CLEAN DESIGN

The PVF Series incorporates a small pixel pitch slick and clean design. With a sleek back, no cables or wires are exposed on the exterior, making the rear side of the LED screen just as attractive as the illuminated front.

FEATURE PACKED

The PVF Series combine several design features that ensure ease of installation, with clear, vibrant, colorful images.Status of cabinet can be monitored Intelligent data backup, one-button reset, auto module calibration, and arbitrary rotation of display content are supported as well. Exclusive Powder Coating& Ink processing layer technology,no gaps in between LED tiles. Better image display quality & higher contrast.

Product Line - UP

All-in-1 display Solution FHD in 110，138,165,220 inch. 4K in 220 inch
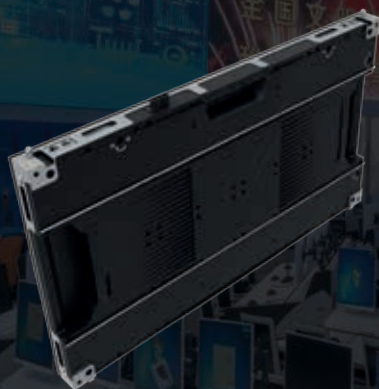
Fine-pitch LED display module Pixel pitch in 0.9mm, 1.2mm，1.5mm,1.9mm, Intelligent System and Module

Intelligent LED display module Indoor in pitch 2.85mm，4mm,6mm.Outdoor in 2.85mm, 4mm, 6mm,10mm.

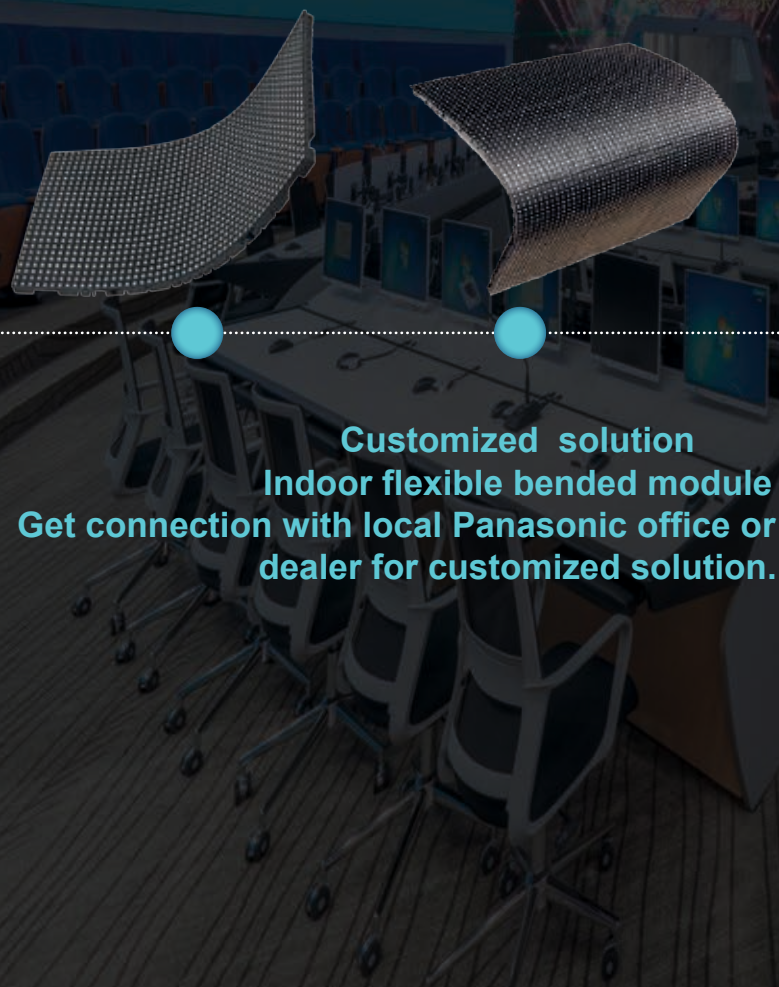**Indoor Commercial LED display module Pixel pitch in 1.6mm，1.8mm,2.0mm,2.5mm,3mm,4mm**

Outdoor Commercial LED display module pixel pitch in3.9mm,4.8mm, 6mm,10mm

Panasonic BUSINESS

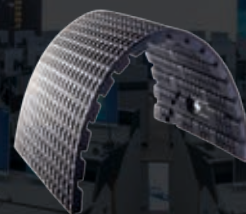# Customized Solutions

Customized solution
Indoor flexible bended module
Get connection with local Panasonic office or authorized AV dealer for customized solution.

Indoor transparency module

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OUTDOOR DISPLAY SPECIFICATIONS

| VISUAL CHARACTERISTICS	PFS6	PFS10	PFL3T	REP3T	REP4T
Pitch size	6mm	10mm	3.9mm	3.9mm	4.8mm
Module Dimensions(w x H/mm)	960 x 960	960 x 960	500 x 750	500 x 500	500 x 500
Raw Material of Module Cabinet	Steel	Steel	Steel	Aluminum Die Casting	Aluminum Die Casting
Module Weight(kg/pcs)	≒ 51	≒ 51	≒ 35	≒ 9.7	≒ 9.7
Application	Outdoor – Fix installation only		Outdoor – Fix installation only	Outdoor	
Ingress Protection	IP65/54 (front/rear module)				
Resolution by Module(Wx H)	160 x 160 pixels	96 x 96 pixels	160 x 160 pixels	128 x 128 pixels	104 x 104 pixels
Power Consumption approx. (w/sqm)	≒ 700	≒ 700	≒ 850	≒ 740w	≒ 740 w
Brightness at White Balance	6000 nits	6000 nits	5000 nits	5000 nits	5000 nits
Visible Angle (Horizontal)	160°				
Visible Angle (Vertical)	160°				
Maintenance	Front or Rear (could be decided)	Front or Rear (could be decided)	Rear	Front or Rear (could be decided)	Front or Rear (could be decided)
Processing Bit	16 bits				
Grey Scale	16 bit				
Dimming Level	16 levels				
Brightness Control (min)	16 levels				
Pixel Configuration	1R 1G 1B SMD				
Frames Rate	60Hz				
Colour	281 trillions				
Refresh Rate	1920 Hz				
LED Panel Uniformity Adjustment	Adjustment by software				
Lifetime	100,000 hours				
Gradation	65,536 Levels				
Power Source Input Voltage	AC 240V±10% / 50~60Hz				
Colour Temperature	3500° K - 9500°K Fully Adjustable				
Video Compatibility	PAL、NTSC				
Graphics Compatibility	DVI、S- Video、HDMI				
Operating Temperature	-20 - +50°C				
Redundancy	Signal redundancy back up (option)				
Auto Detect	Module Temp./Signal flow/Power supply unit				
Contrast	3500:1				

getting connection with local Panasonic office or authorized AVdealer if customized solution is required.
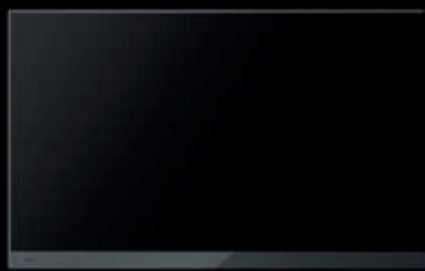
INDOOR DISPLAY SPECIFICATIONS

VISUAL CHARACTERISTICS	PVF0.9	PVF1.2	PVF1.5	PVF1.9	PVF2.5	VMP1.6	VMP1.8	VMP2	VMP2.5	VMP3	VMP4
Pitch size	0.9	1.2	1.5	1.9	2.5	1.6mm	1.8mm	2.0mm	2.5mm	3.0mm	4.0mm
Module Dimensions(w x H/mm)	610 X 343	610 X 343	610 X 343	610 X 343	610 X 343	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480
Raw Material of Module Cabinet	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting
Module Weight(kg/pcs)	≒ 6.7	≒ 6.7	≒ 6.7	≒ 6.7	≒ 6.7	≒ 9	≒ 9	≒ 9	≒ 9	≒ 9	≒ 9
Application	Indoor					Indoor					
Resolution by Module(W x H)	640 x 360 pixels	480 x 270 pixels	384 x 216 pixels	320 x 180 pixels	240 x 135 pixels	384 x 288 pixels	384 x 261 pixels	320 x 240 pixels	256 x 192 pixels	208 x 156 pixels	160 x 120 pixels
Power Consumption approx. (w/sqm)	≒ 600	≒ 550	≒ 550	≒ 450	≒ 450	≒ 550	≒ 550	≒ 550	≒ 480	≒ 480	≒ 480
Brightness at White Balance	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits
Visible Angle (Horizontal)	160°	160°	160°	160°	160°	160°	160°	160°	160°	160°	160°
Visible Angle (Vertical)	160°	160°	160°	160°	160°	160°	160°	160°	160°	160°	160°
Maintenance	Front					Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)
Processing Bit	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits
Grey Scale	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits
Dimming Level	0~256	0~256	0~256	0~256	0~256	0~256					
Brightness Control (min)	0~256	0~256	0~256	0~256	0~256	16 levels					
Pixel Configuration	2R2G2B 4 in 1 mini	1R1G1B 3 in 1 SMD	1R1G1B 3 in 1 SMD	1R1G1B 3 in 1 SMD	1R1G1B 3 in 1 SMD	1R 1G 1B SMD					
Frames Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60Hz					
Colour	281 trillions	281 trillions	281 trillions	281 trillions	281 trillions	281 trillions					
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	2,880Hz	2,880Hz	2,880Hz	2,880Hz	2,880Hz	2,880Hz
LED Panel Uniformity Adjustment	Adjustment by software					Adjustment by software					
Lifetime	100000 hours					100000 hours					
Gradation	65536 Levels					65536 Levels					
Power Source Input Voltage	AC 240V±10% / 50~60Hz					AC 240V±10% / 50~60Hz					
Colour Temperature	3500° K - 9500°K Fully Adjustable					3500° K - 9500°K Fully Adjustable					
Video Compatibility	PAL/NTSC					PAL、NTSC					
Graphics Compatibility	DVI、S-Video、HDMI					DVI、S-Video、HDMI					
Operating Temperature	-10 - +50°C					-10 - +50°C					
Redundancy	Signal redundancy back up (by option)					Signal redundancy back up (by option)					
Auto Detect	Module Temp./Signal flow/PSU					Module Temp./Signal flow/PSU					

Panasonic reserves the sole right to change the module and specification design without notice
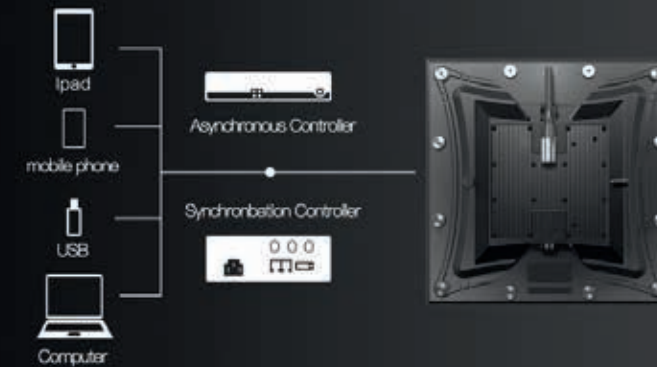
INTELLIGENT DISPLAY SPECIFICATIONS

VISUAL CHARACTERISTICS	LCUT-M2I	LCUT-M4I	LCUT-M6I	LCUT-M2O	LCUT-M4O	LCUT-M6O	LCUT-M100
Pitch size	2.85mm	4.0mm	6.66mm	2.85mm	4.0mm	6.66mm	10mm
Module Dimensions(w x H/mm)	320 x 320	320 x 320	320 x 320	320 x 320	320 x 320	320 x 320	320 x 320
Raw Material of Module Cabinet	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting	Aluminum Die Casting
Module Weight(kg/pcs)	≒ 1.6	≒ 1.6	≒ 1.6	≒ 1.6	≒ 1.6	≒ 1.6	≒ 1.6
Application	Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
Ingress Protection	IP42	IP42	IP42	IP67	IP67	IP67	IP67
Resolution by Module(Wx H)	112 x 112 pixels	80 x 80 pixels	48 x 48 pixels	112 x 112 pixels	80 x 80 pixels	48 x 48 pixels	32 x 32 pixels
Power Consumption approx. (w/pcs)	≒ 80	≒ 80	≒ 80	≒ 80	≒ 80	≒ 80	≒ 80
Brightness at White Balance	1000 nits	1000 nits	1000 nits	5000 nits	5000 nits	5000 nits	5000 nits
Visible Angle (Horizontal)	160°	160°	160°	160°	160°	160°	160°
Visible Angle (Vertical)	160°	160°	160°	160°	160°	160°	160°
Maintenance	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)
Processing Bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Grey Scale	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Dimming Level	16 levels						
Brightness Control (min)	16 levels						
Pixel Configuration	1R 1G 1B SMD						
Frames Rate	60Hz						
Colour	281 trillions						
Refresh Rate	3,840Hz						
LED Panel Uniformity Adjustment	Adjustment by software						
Lifetime	100,000 hours						
Gradation	65,536 Levels						
Power Source Input Voltage	AC 240V±10% / 50~60Hz						
Colour Temperature	3500° K - 9500°K Fully Adjustable						
Video Compatibility	PAL、NTSC						
Graphics Compatibility	DVI、S- Video、HDMI						
Operating Temperature	-10 - +50°C						
Redundancy	Signal redundancy back up (by option)						
Auto Detect	Module Temp./Signal flow/PSU						

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ALLIN ONE DISPLAY SPECIFICATIONS

VISUAL CHARACTERISTICS	PLT-83	PLT-110	PLT-138	PLT-165	PLT-220	PLT-2204K
Pitch size	0.9mm	1.2mm	1.5mm	1.9mm	2.5mm	1.2mm
Screen Dimensions(w x H/mm)	1820 x 1029	2440 x 1372	3050 x 1715	3660 x 2058	4880 x 2744	4880 x 2744
Screen size	83 inches	110 inches	138 inches	165 inches	220 inches	220 inches
Screen Weight(kg/pcs)	≒ 79	≒ 140	≒ 200	≒ 270	≒ 450	≒ 560
Application	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Screen resolution (Wx H)	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	3840 x 2160 pixels
Power Consumption approx. (w/sqm)	≒ 600	≒ 550	≒ 500	≒ 450	≒ 450	≒ 550
Brightness at White Balance	600 nits	600 nits	600 nits	600 nits	600 nits	600 nits
Visible Angle (Horizontal)	160°	160°	160°	160°	160°	160°
Visible Angle (Vertical)	160°	160°	160°	160°	160°	160°
Maintenance	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)	Front or Rear (could be decided)
Processing Bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Grey Scale	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Dimming Level	16 levels					
Brightness Control (min)	16 levels					
Pixel Configuration	1R 1G 1B SMD					
Frames Rate	60Hz					
Colour	281 trillions					
Refresh Rate	3,840Hz					
LED Panel Uniformity Adjustment	Adjustment by software					
Lifetime	100,000 hours					
Gradation	65,536 Levels					
Power Source Input Voltage	AC 240V±10% / 50~60Hz					
Colour Temperature	3500º K - 9500ºK Fully Adjustable					
Video Compatibility	PAL、NTSC					
Graphics Compatibility	DVI、S- Video、HDMI					
Operating Temperature	-10 - +50°C					
Redundancy	Signal redundancy back up (by option)					
Auto Detect	Module Temp./Signal flow/PSU					

Panasonic BUSINESS

"Product + Service"

Qualified factory ISO9001 ISO 14001 OHSAS 180001

Full range product

Installation Scheme Review

Remote troubleshooting support

Installation Instruction

Panasonic Full-Chain Solution

Maintenance Guidance

Onsite installation survey

Panasonic quality control protocol

Customized Solution

Global leading brand 30 years experience in LED video wall system
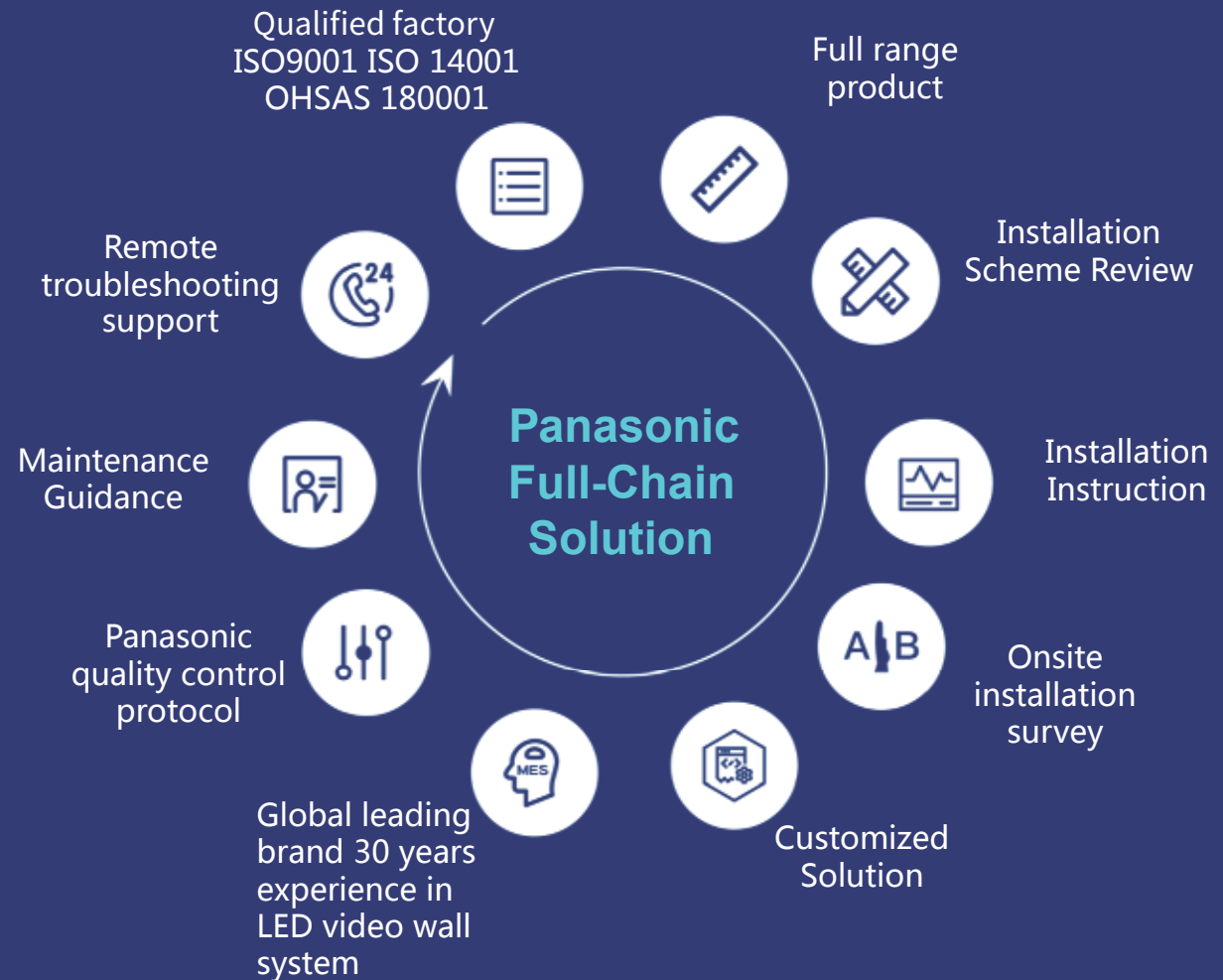
Getting connection with local Panasonic office or authorized AV dealer for your support