



# DIGITAL *SOLUTIONS*

PROFESSIONAL AUDIO VISUAL  
SYSTEMS PRODUCER



# ABOUT US

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We are a digital solutions provider and system integrator with multidisciplinary experiences. Over the past 15 years, we have worked with various partners and clients from conceptualization to planning, design, and implementation stages.

With a proven track record, we have completed over 500 projects covering a wide variety of applications from display and audio solutions, training and simulations, automation and control, digital signage, streaming and recording, interactive system design and consultation, and projection-mapping to custom projects.

**Pro AV**  
SYSTEM  
INTEGRATOR

COMPLETED  
**500+**  
PROJECTS

EXPERIENCE  
since  
**2008**

TRUSTED ACROSS  
**APAC**  
REGION

CERTIFIED  
*bizSAFE*

STATE-OF-THE-ART  
**LED**  
MANUFACTURER

# Digital Solutions Indoor LED *IF SERIES*



## ***FEATURES***

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- Front or Rear Serviceability
- Slim Design
- High Efficiency Cooling System
- Low Heat Dissipation
- High Contrast Ratio
- Broadcast Quality grey scale processing
- Standard size: 600mm x 337.5mm
- Allows flexible installation for inner or outer arc

## ***APPLICATIONS***

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- Corporate Boardrooms
- Museums
- Showrooms
- Retail Malls
- Banks and Financial
- Command Centre
- Hotels and Conferences
- Government and Public Sectors

\*\* Specifications subjected to changes without prior notice

# Digital Solutions Indoor LED

## ***IF SERIES SPECIFICATION***

<b>ITEMS</b>	<b>IFS 2.6</b>
Pixel Pitch	2.6
Led Type	SMD 2020 3in1 RGB
Application	Indoor Usage
Module Resolution (H x V dot)	96 x 96
Module Size (H x V mm)	250 x 250
Module Maintenance Method	Front/ Rear Access
Cabinet Resolution (H x V dot)	192 x 192
Cabinet Size (H x V x D mm)	500 x 500 x 83.3
Cabinet Material	Die Cast Aluminium
Cabinet Weight (kg / pcs)	13.5
IP Standard (Front / Back)	IP20
Density (Pixels / m2 )	147456
Contrast	4000:1
Brightness (nits) cd / m2	0 - 900
Brightness Adjustment Level	256
Viewing Distance (m)	≥ 2.5
Color Temperature (k)	3000 - 12000
Grey Scale (bits)	≥ 14
Refresh Rate (hz)	≥ 3840
Frame Rate (hz)	50/60
Viewing Angle (H x V)	160°/140°
Max. Consumption (w / m2 )	520
Avg. Consumption (w / m2 )	165
Driving Mode (scan)	1/32
Working Humidity	10% - 80% RH
Working Temperature	-10°C ~ +45°C
Storage Temperature	-40°C ~ +85°C
Power	AC 110/220, 50/60Hz
Flatness Level (mm)	≤ 0.1
MTBF	1/10,000
Life Span (Hours)	≥ 100000
Inputs	DVI, VGA, HDMI, SDI, YPrPb, CVBS
File types	Text, Animations, Picture, Videos

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# Digital Solutions Indoor LED

## ***IF SERIES SPECIFICATION***

<b>ITEMS</b>	<b>IFS 3.9</b>
Pixel Pitch	3.9
Led Type	SMD 2020 3in1 RGB
Application	Indoor Usage
Module Resolution (H x V dot)	64 x 64
Module Size (H x V mm)	250 x 250
Module Maintenance Method	Front/ Rear Access
Cabinet Resolution (H x V dot)	128 x 128
Cabinet Size (H x V x D mm)	500 x 500 x 83.3
Cabinet Material	Die Cast Aluminium
Cabinet Weight (kg / pcs)	13.5
IP Standard (Front / Back)	IP20
Density (Pixels / m2 )	65536
Contrast	4000:1
Brightness (nits) cd / m2	0 - 900
Brightness Adjustment Level	256
Viewing Distance (m)	≥ 2.5
Color Temperature (k)	3000 - 12000
Grey Scale (bits)	≥ 14
Refresh Rate (hz)	≥ 3840
Frame Rate (hz)	50/60
Viewing Angle (H x V)	160°/140°
Max. Consumption (w / m2 )	≤ 480
Avg. Consumption (w / m2 )	165
Driving Mode (scan)	1/32
Working Humidity	10% - 80% RH
Working Temperature	-10°C ~ +45°C
Storage Temperature	-40°C ~ +85°C
Power	AC 110/220, 50/60Hz
Flatness Level (mm)	≤ 1
MTBF	1/10,000
Life Span (Hours)	≥ 100000
Inputs	DVI, VGA, HDMI, SDI, YPrPb, CVBS
File types	Text, Animations, Picture, Videos

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# Digital Solutions Indoor LED

## **INDOOR IB SERIES**



## **FEATURES**

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- Front Access Maintenance
- Parts & Modules can be taken out from Front
- Due to the design, can be used in Creative installation requirements
- Installation is Fast Simple and convenient
- Mounting: Stacked mounted or hanging Installation
- Size: 500 x 1000mm
- Customisable to suit different requirement

## **APPLICATIONS**

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- Corporate Boardrooms
- Museums
- Showrooms
- Retail Malls
- Banks and Financial
- Command Centre
- Hotels and Conferences
- Government and Public Sectors
- School and Universities

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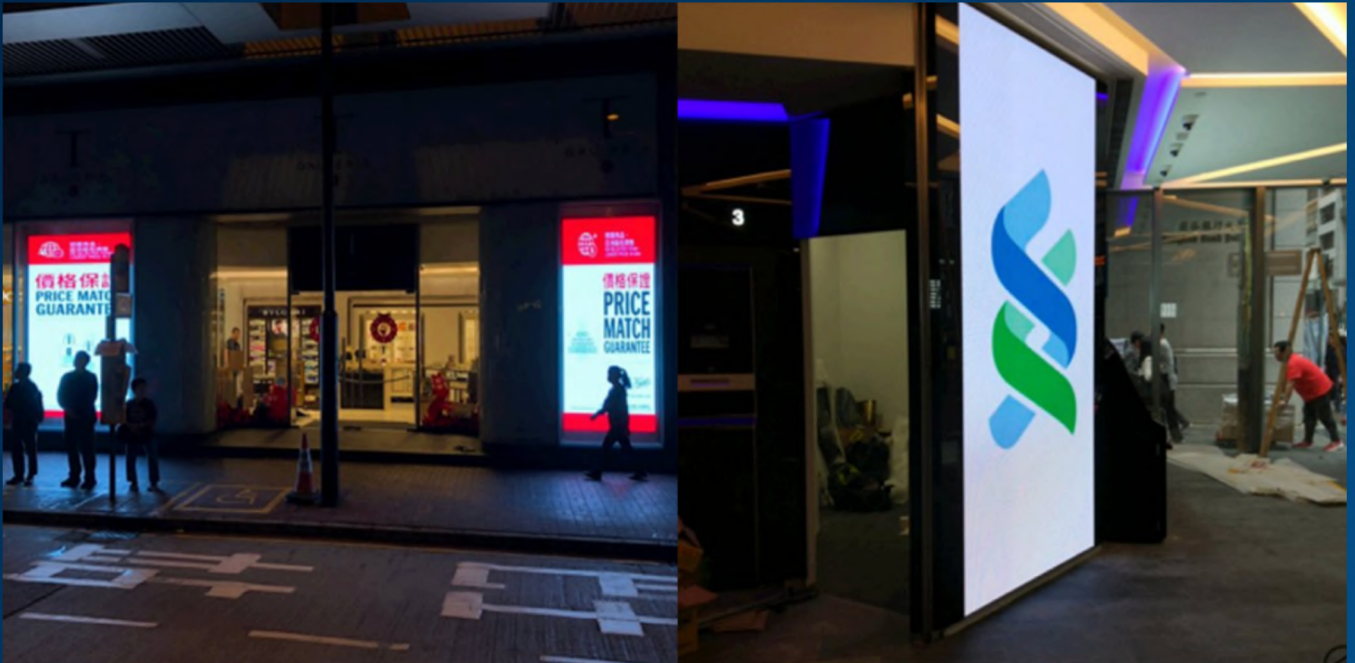
# Digital Solutions Indoor LED

## **IB SERIES SPECIFICATION**

Pixel Pitch	IB-1.5625S	IB-1.95S	IB-2.5S	IB-2.604S	IB-2.976S	IB-3.91S
LED Type	SMD1212(GOB)	SMD1515				
Physical Density (dots/m2)	409600	262144	160000	147456	112896	65536
Module Resolution	160 x 160	128 x 128	100 x 100	96 x 96	84 x 84	64 x 64
Module Size (mm)	250 x 250					
Cabinet Size (mm)	500/750/1000 x 250 x 33					
Module QTY/Cabinet (WxH)	4x1/3x1/2x1					
Panel Resolution	640x160/  480x160/320x1 60	512x128/384 x128/256x12 8	400x100/30 0x100/200x 100	384x96/288 x96/192x96	336x84/252 x84/168x84	256x64/192 x64/128x64
Maintenance Mode	Front					
Cabinet Material	Aluminum					
LED Brightness Correction	Yes					
Brightness (Nits)	600	800				1000
Color Temperature (K)	3200-9300 Adjustable					
Grey Level (Bit)	14/16 Optional					
Viewing Angle (H/V)	160°/160°					
Brightness/Color Uniformity	≥97%					
Contrast Ratio	10000:1					
Frame Frequency	50/60					
Drive Mode	1/40 Scan	1/32 Scan	1/25 Scan	1/32 Scan	1/28 Scan	1/16 Scan
Refresh Rate	3840					
Max. Power Consumption	650					
Avg. Power Consumption	100-200					
IP Grade	IP 31					
Input Power	AC90-264V 47-63Hz					
Working Temperature	-20~60°C/10%~85%					
Storage Temperature	-20~60°C/10%~85%					
Certification	CCC/CE/ROHS/FCC/CB/TUV/IEC					

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# Digital Solutions Indoor ***SEMI-OUTDOOR SB SERIES***



## ***FEATURES***

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- Front and Rear Access Maintenance
- Parts & Modules can be taken out from Front and Rear
- Due to the design, can be used in Creative installation requirements
- Installation is Fast Simple and convenient
- Mounting: Stacked mounted or hanging Installation
- Size: 500 x 500mm or 500 x 1000mm
- Customisable to suit different requirement

## ***APPLICATIONS***

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- Museums
- Showrooms
- Retail Malls
- Banks & Financial
- Command Centre
- Hotels & Conferences
- Government & Public Sectors

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# Digital Solutions Indoor

## **SB SERIES SPECIFICATION**

ITEMS	SB 2.0	SB 3.0	SB 4.0	SB 5.0	SB 6.0
Pixel Pitch	2.6	3.12	3.9	4.8	5.95
Application	Semi Outdoor Usage				
Module Resolution (H x V dot)	96 x 96	80 x 80	64 x 64	52 x 52	42 x 42
Module Size (H x V mm)	250 x 250 x 15.3				
Module Maintenance Method	Front/ Rear Access				
Cabinet Resolution (H x V dot)	192 x 192/384	160 x 160/320	128 x 128/256	104 x 104/208	84 x 84/168
Cabinet Size (H x V x D mm)	500 x 500 x 83.3				
Cabinet Material	Aluminium				
Cabinet Weight (kg / pcs)	7.5 (500 x 500mm) / 13.5 (500 x 1000mm)				
IP Standard (Front / Back)	IP40 / IP21				
Density (Pixels / m2 )	147,456	102,400	65,536	43,264	28,224
Brightness (nits)	0 - 4500				
Brightness Adjustment Level	256				
Viewing Distance (m)	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6
Color Temperature (k)	3000 - 12000				
Grey Scale (bits)	13 - 16				
Refresh Rate (hz)	≥ 2880				
Frame Rate (hz)	50/60				
Viewing Angle (H x V)	140°/140°				
Max. Consumption (w / sqm)	520				
Avg. Consumption (w / sqm)	170				
Driving Mode (scan)	1/32	1/16	1/16	1/13	1/7
Working Humidity	10% - 80% RH				
Working Temperature	-10°C ~ +45°C				
Storage Temperature	-40°C ~ +85°C				
Power	AC 110/220, 50/60Hz				
Flatness Level (mm)	≤ 0.5				
Life Span (Hours)	≥ 100000				
Inputs	DVI, VGA, HDMI, SDI, YPrPb, CVBS				
File types	Text, Animations, Picture, Videos				

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# Digital Solutions Outdoor LED **OUTDOOR OR SERIES**



## **FEATURES**

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- Cost effective model
- Cabinet can be in Aluminium or Steel
- Front side: IP65, Rear side: IP54
- Reliable and Stable
- Quick and Simple connection between Cabinets
- Size: 960 x 960mm
- Customisable to suit different requirement

## **APPLICATIONS**

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- Scoreboard
- Advertisements
- Retail Malls
- Banks & Financial
- Hotels & Conferences
- Government & Public Sectors
- Cinemas & Entertainment

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# Digital Solutions Outdoor LED OR SERIES SPECIFICATION

ITEMS	OR 4.0	OR 5.0	OR 6.0	OR 8.0	OR 10.0
Pixel Pitch	4	5	6	8	10
Application	Outdoor Usage				
Module Resolution (H x V dot)	64 x 32	32 x 32	32 x 32	40 x 20	32 x 16
Module Size (H x V mm)	256 x 128	160 x 160	192 x 192	320 x 160	320 x 160
Module Maintenance Method	Rear Access				
Cabinet Resolution (H x V dot)	192 x 192	192 x 192	160 x 160	120 x 120	96 x 96
Cabinet Size (H x V x D mm)	768 x 768 x 160	960 x 960 x 160			
Cabinet Material	Steel or Aluminium				
Cabinet Weight (kg / pcs)	55 (Steel) / 43 (Aluminium)				
IP Standard (Front / Back)	IP65 / IP54				
Density (Pixels / m <sup>2</sup> )	62,500	40,000	27,778	15,625	10,000
Brightness (nits)	0 - 5900				
Brightness Adjustment Level	256				
Viewing Distance (m)	≥ 4	≥ 5	≥ 6	≥ 8	≥ 10
Color Temperature (k)	3000 - 12000				
Grey Scale (bits)	12 - 16				
Refresh Rate (hz)	≥ 2880				
Frame Rate (hz)	50/60				
Viewing Angle (H x V)	160°/140°				
Max. Consumption (w / sqm)	800	800	720	750	750
Avg. Consumption (w / sqm)	265	265	240	250	250
Driving Mode (scan)	1/8	1/8	1/8	1/5	1/2
Working Humidity	10% - 90% RH				
Working Temperature	-20°C ~ +55°C				-20°C ~ +40°C
Storage Temperature	-40°C ~ +85°C				-40°C ~ +60°C
Power	AC 110/220, 50/60Hz				
Flatness Level (mm)	≤ 0.5				
Life Span (Hours)	≥ 100000				
Inputs	DVI, VGA, HDMI, SDI, YPrPb, CVBS				
File types	Text, Animations, Picture, Videos				

\*\* Specifications subjected to changes without prior notice

# Digital Solutions Outdoor LED *OF SERIES*



## ***FEATURES***

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- Cost effective model
- Cabinet can be in Aluminium or Steel
- Front side: IP65, Rear side: IP54
- Reliable and Stable
- Quick and Simple connection between Cabinets
- Customisable to suit different requirement

## ***APPLICATIONS***

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- Scoreboard
- Advertisements
- Retail Malls
- Banks & Financial
- Hotels & Conferences
- Government & Public Sectors
- Cinemas & Entertainment

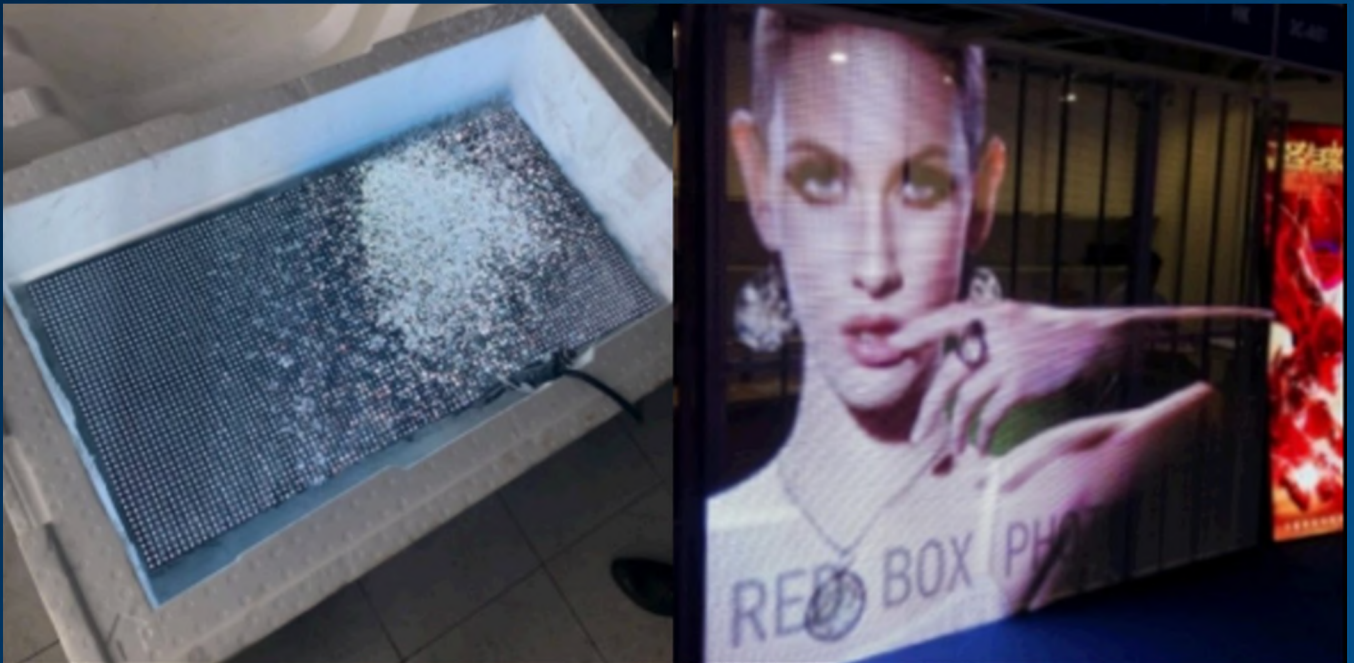
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# Digital Solutions Outdoor LED OF SERIES SPECIFICATION

ITEMS	OF 4.0	OF 5.0	OF 6.0	OF 8.0	OF 10.0
Pixel Pitch	3.9	4.8	6.67	8	10
Application	Outdoor Usage				
Module Resolution (H x V dot)	64 x 64	52 x 52	48 x 48	40 x 40	32 x 32
Module Size (H x V mm)	250 x 250		320 x 320		
Module Maintenance Method	Front Access				
Cabinet Resolution (H x V dot)	256 x 256	208 x 208	144 x 144	120 x 120	96 x 96
Cabinet Size (H x V x D mm)	1000 x 1000 x 127		960 x 960 x 127		
Cabinet Material	Steel or Aluminium				
Cabinet Weight (kg / pcs)	55 (Steel) / 38 (Aluminium)				
IP Standard (Front / Back)	IP65 / IP54				
Density (Pixels / m <sup>2</sup> )	62,500	40,000	22,500	15,625	10,000
Brightness (nits)	0 - 5500				
Brightness Adjustment Level	256				
Viewing Distance (m)	≥ 4	≥ 5	≥ 6	≥ 8	≥ 10
Color Temperature (k)	3000 - 12000				
Grey Scale (bits)	13 - 16				
Refresh Rate (hz)	≥ 2880				
Frame Rate (hz)	50/60				
Viewing Angle (H x V)	110°/110°				
Max. Consumption (w / sqm)	750				
Avg. Consumption (w / sqm)	250				
Driving Mode (scan)	1/8	1/8	1/6	1/4	1/4
Working Humidity	10% - 90% RH				
Working Temperature	-20°C ~ +55°C				
Storage Temperature	-40°C ~ +85°C				
Power	AC 110/220, 50/60Hz				
Flatness Level (mm)	≤ 0.5				
Life Span (Hours)	≥ 100000				
Inputs	DVI, VGA, HDMI, SDI, YPrPb, CVBS				
File types	Text, Animations, Picture, Videos				

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# Digital Solutions Indoor LED **TRANSPARENT TR SERIES**



## **FEATURES**

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- Cost effective model
- Cabinet can be in Aluminium or Steel
- Front side: IP67, Rear side: IP54
- Reliable and Stable
- Size: 960 x 960mm
- Quick and Simple connection between Cabinets
- Customisable to suit different requirement

## **APPLICATIONS**

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- Advertisements
- Retail Malls
- Banks & Financial
- Hotels & Conferences
- Government & Public Sectors
- Cinemas & Entertainment

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# Digital Solutions Indoor LED

## TR SERIES SPECIFICATION

ITEMS	TR 3-7	TR 10.0
Pixel Pitch	3.9(H) - 7.8(V)	10.41
Application	Outdoor Usage	
Module Resolution (H x V dot)	128 x 8	46 x 6
Module Size (H x V mm)	500 x 62.5	
Module Maintenance Method	Rear Access	
Cabinet Resolution (H x V dot)	256 x 64	96 x 48
Cabinet Size (H x V x D mm)	1000 x 500 x 80	
Cabinet Material	Aluminium	
Cabinet Weight (kg / pcs)	7.5	
IP Standard (Front / Back)	IP65 / IP54	
Density (Pixels / m2 )	32,768	9,216
Brightness (nits)	0 - 4500	0 - 5000
Brightness Adjustment Level	256	
Viewing Distance (m)	≥ 4	≥ 10
Color Temperature (k)	3000 - 12000	
Grey Scale (bits)	13 - 16	
Refresh Rate (hz)	≥ 2880	
Frame Rate (hz)	50/60	
Viewing Angle (H x V)	110°/110°	
Max. Consumption (w / sqm)	800	
Avg. Consumption (w / sqm)	265	
Driving Mode (scan)	1/8	1/2
Working Humidity	10% - 90% RH	
Working Temperature	-20°C ~ +50°C	
Storage Temperature	-40°C ~ +85°C	
Power	AC 110/220, 50/60Hz	
Flatness Level (mm)	≤ 0.2	
Life Span (Hours)	≥ 100000	
Inputs	DVI, VGA, HDMI, SDI, YPrPb, CVBS	
File types	Text, Animations, Picture, Videos	



DIGITAL SOLUTIONS

unlocking  
possibilities



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