

**INFINITE PLASMA**  
PRODUCT GUIDE

NEW GENERATION  
**MPDP**

IMAGE USED COURTESY OF HANDY AV LTD



INFINITE PLASMA MIS4420 | 30  
JD SPORTS | FLAGSHIP STORE | OXFORD STREET



MPDP



## INFINITE PLASMA MIS4420 | 30 NEW GENERATION

### INFINITE PLASMA NEW GENERATION

The new generation of Infinite Plasma offers a truly bezel-less display.

The modular design allows you to create any combination of screens, from a single row or column of panels in either portrait or landscape orientation to large video walls spanning dozens or even hundreds of square metres.

Irregular shapes and aspect ratios are easily conceived and realised thanks to the unique bezel-less modular design, resulting in unbeatable flexibility and visual impact.

Using plasma technology, MPDP saves room and minimizes weight considerably compared to other large displays such as rear projection systems.

As total thickness is just 25cm including stand or wall-mount brackets, MPDP is the perfect choice for large applications in a confined space.



LESS THAN 4MM SEAM  
GAP IN MULTI-FORMATION

UNIQUE ANTI-GLARE  
SCREEN COATING

SPECIALLY DESIGNED  
BRACKETS AND MOUNTS

**INFINITE PLASMA  
FEATURES**

The new generation of Infinite Plasma screen has no side casing around the edge of the display panel resulting in an image seam size of less than four millimetres.

With a total thickness of less than 16.5cm (including mounting brackets), these screens are a brilliant space-saving solution, occupying only a fraction of the space required for rear projection and with none of the restrictions of front projection.

The new Infinite MPDP4220|30 screens are equipped with unique filters to reduce glare and reflection on the glass. This makes them the perfect choice for high ambient light environments.

A black-stripe layer provides improved black levels and this, coupled with the higher brightness levels, results in a significantly improved contrast ratio.

A non-reflective anti-glare coating is also specified as standard. Reflections are minimised, whilst black levels and light output are enhanced, making the new generation of MPDP the perfect solution for those seeking high contrast, vibrant displays in retail and signage applications.

The screens are simple to install using a modular bracket system that facilitates easy installation whether landscape or portrait, suspended, free-standing or wall mounted.



## BURN-IN COMPENSATION (BIC) TECHNOLOGY

### INFINITE PLASMA FEATURES

The latest generation of screens can also be specified with a truly ground-breaking BIC (Burn-In Compensation) Technology.

BIC minimises the effects of burn-in, ensuring the image remains bright, colourful and legible for many thousands of hours of operation.

Unlike any other PDP currently available, Infinite Plasma screens specified with

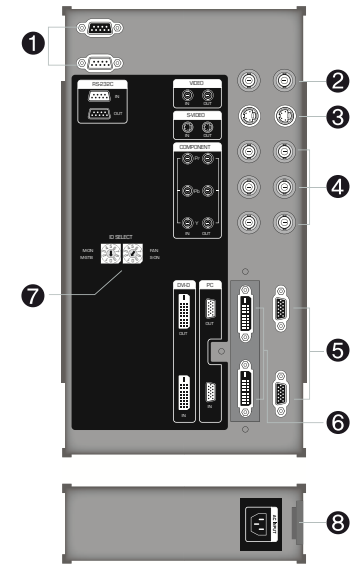
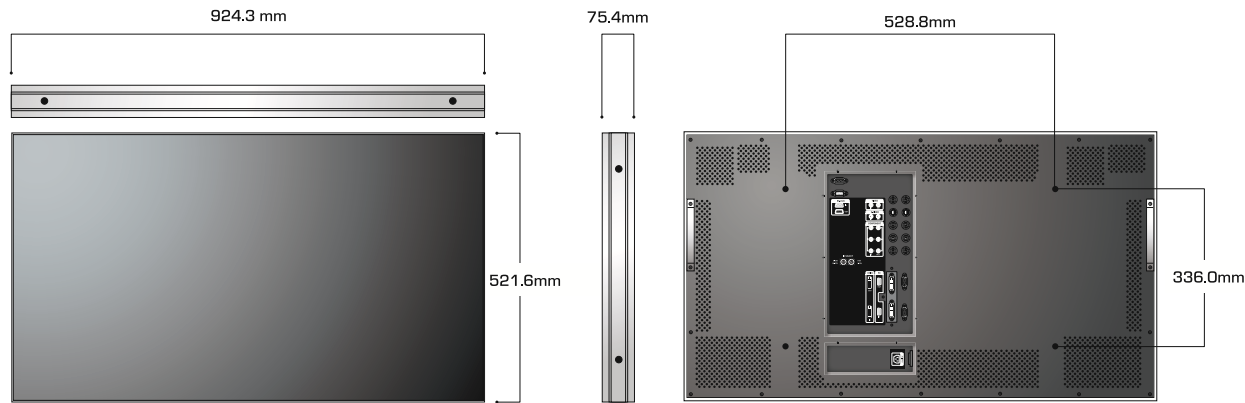
the optional BIC technology are uniquely equipped to deal with repetitive and rarely changing imagery including airport and railway information displays, financial dealing floors, command and control centres and digital signage.

The new BIC technology intelligently and continuously monitors the usage of every sub-pixel in the display panel, building historical usage data which

can be mapped into subsequent images to effectively mask the aging effects across the display.

This innovative solution not only delivers visually exceptional results but also extends the useable life of the panel and yields greater colour accuracy and consistency during the mid and latter stages of the panel's operational lifetime.

The new generation of Orion MPDP is the first plasma display panel anywhere in the world to offer this leading-edge technology.



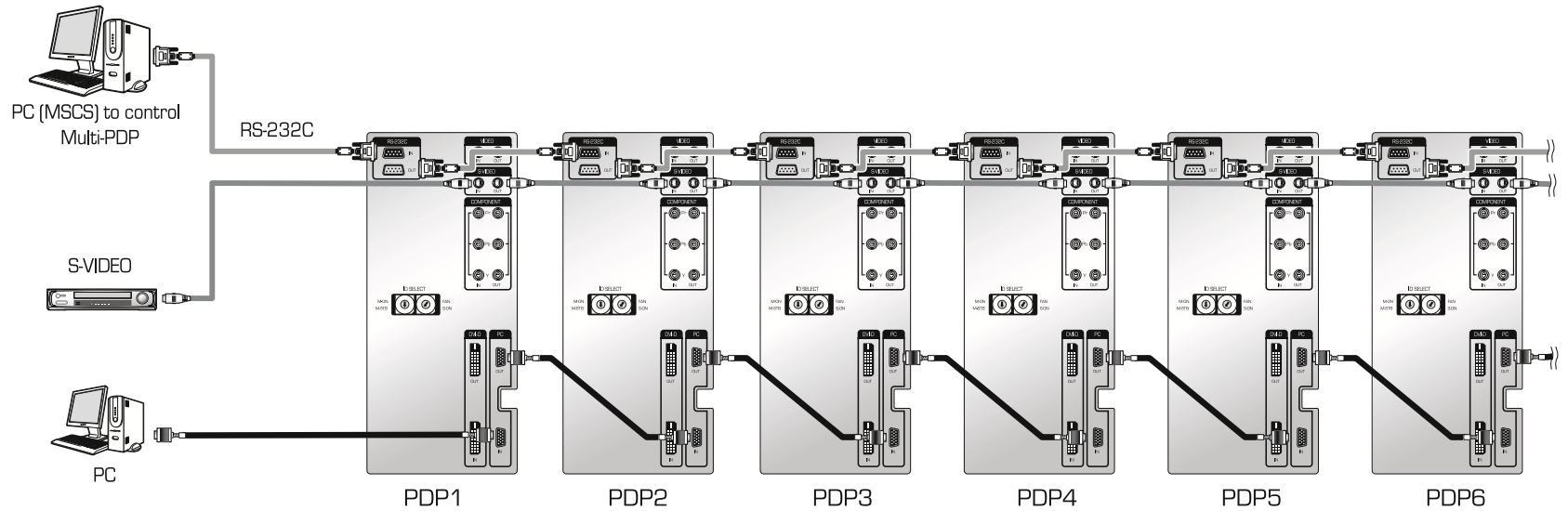
## MIS4220 TECHNICAL SPECIFICATION

WIDTH	924.5mm (+0.3/-0.1mm)
HEIGHT	521.7mm (+0.3/-0.1mm)
DEPTH	75.6mm (±0.2mm)
POWER SUPPLY	100 ~ 240V AC, 50/60Hz
POWER CONSUMPTION	350W (max)
PLASMA DISPLAY PANEL	42" (16 : 9 aspect ratio)
CONTRAST RATIO	10000 : 1 (Max)
BRIGHTNESS	1000 cd/m <sup>2</sup> (w/o Film)
FRONT FILTER	AGAR (Anti-Glare Anti-Reflection)
NUMBER OF PIXELS	853(H) X 480(V)
TEMPERATURE	0°C ~ 35°C
HUMIDITY	20% ~ 70%
WEIGHT	26 kg

## INPUT / OUTPUT TERMINALS

1. RS-232C	Multi-PDP Control, Firmware Upgrade, 9pin D-sub	5. PC	Computer RGB Analog Signal, D-sub 15pin
2. VIDEO	Composite Signal NTSC, PAL, SECAM	6. DVI-D	TMDS Signal
3. S-VIDEO	S-Video Signal NTSC, PAL, SECAM, 4pin Mini Din	7. ID SWITCH	Set ID Switch
4. COMPONENT	DVD Signal, DTV - YPbPr Signal	8. AC INPUT	AC 100V ~ 240V, 50/60Hz

INFINITE PLASMA  
SPECIFICATION



### CONNECTING MPDP

EACH SCREEN IS CONNECTED THROUGH DAISY CHAIN LINK (Illustrated above)

### CONNECTION MSCS

MSCS (MULTI SCREEN CONTROL SYSTEM)  
A user friendly control program is supplied allowing control of upto 8\*8 configurations

### EXTRA FEATURES

- » ADVANCED DIGITAL CIRCUIT DESIGN
- » ADOPTED EXCLUSIVE DIGITAL PROCESSOR
- » USER FRIENDLY REMOTE CONTROL VIA MSCS CONTROL SOFTWARE
- » AUTO DETECTION OF NTSC, PAL, SECAM
- » IMAGE QUALITY ENHANCEMENT
- » 3D COMB FILTER(Y/C SEPARATION)
- » MOTION ADAPTIVE DE-INTERLACING
- » GLOBAL OFFSET/FILM MODE SUPPORT/ INTER FIELD NOISE REDUCTION

### REMOTE CONTROL RS232 CONTROL

- POWER ON/OFF
- INPUT SELECT PC, DVI, DTV, DVD, S-video, Video
- PICTURE ADJUSTMENT Contrast, Brightness, Sharpness, Color, Tint
- AUTO TRACKING
- WHITE BALANCE
- DESIGN SELECT Last Design/New Design
- ON/OFF TIMER
- SLIDESHOW
- VIDEO-WALL CONFIGURATION X\*Y Matrix

INFINITE PLASMA SPECIFICATION