



Key features

Full HD, sunlight readable LCD display
Automatic backlight intensity control

Powerful player platform supporting
Linux & Windows

All-weather design for outdoor usage

24/7 / 365 and long-life usage

System health monitoring

Optical bonding for optimal
picture quality

Designed to present modern content
for passengers, visitors & other public
places

Content sources include HTML5,
Java Script, Video sequences etc.
as well as streaming.

Robust and service friendly design

PUBLIC INFORMATION DISPLAY 46" OUTDOOR

The 46" public information displays from Data Respons Solutions are designed for outdoor applications in public areas.

The displays can operate 24/7 in harsh environments whilst maintaining excellent picture quality.

The powerful built-in player is supported by all common operating platforms including MS Windows and Linux.

Surveillance over network option with 1080p camera behind the front glass, shock sensor and high quality microphone.

Connectivity with central equipment over Ethernet as standard, optional over Wi-Fi or LTE.

With its modular design makes it easily serviceable for technical personnel operating the PID installation.

Technical specifications

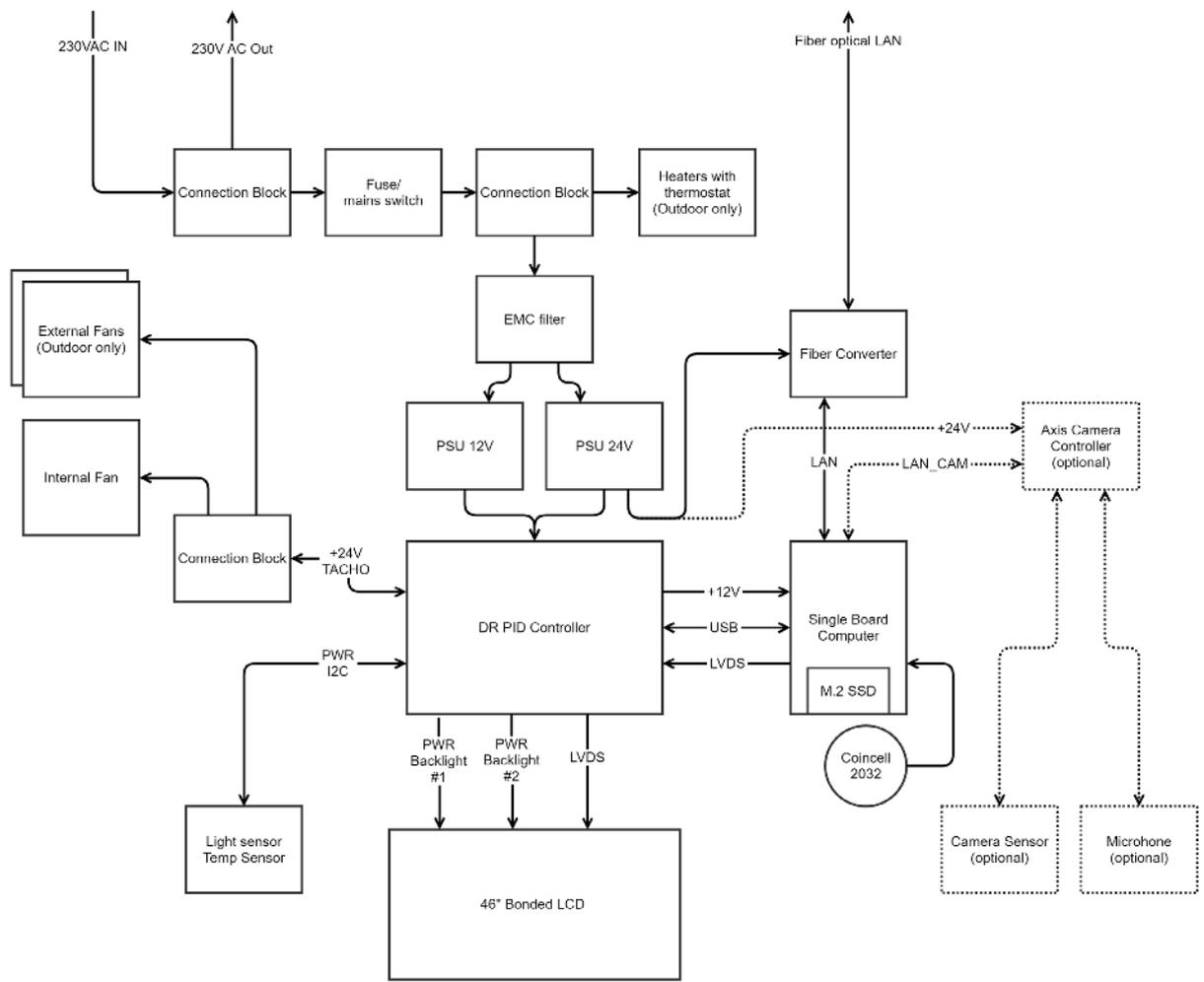
Display	
Panel size	46"
Resolution	1920 x 1080 pixels
Colour	24 bits
Brightness	1500nits (typical)
Glass	Thermally strengthened glass bonded to LCD
Coating	UV film

Power	
Power inlet	230V AC <ul style="list-style-type: none"> • 1A w/heaters, full backlight • 3.5A w/heaters and full backlight • 11.5 inrush w/heaters 4ms.
Battery	Exchangeable CR2032 for RTC and CMOS RAM

Computer system	
Processor	Intel® Atom® Quad Core E3950
System Memory	8GB RAM
Storage	128GB Replaceable M.2 2242 SATA SSD
OS	Linux, optional Windows
Ethernet	2x 100M/1Gbps copper interfaces, one connected to media converter for optical fiber. SFP for MM/SM optional
PID controller	Fan control, watchdog, sunlight sensor, power control, monitoring, SNMP functionality
Camera and mic (Optional)	1080p Camera Sensor with 108° field of view, forensic WDR, 0.1lux sensitivity. Shock sensor and high performance microphone with adjustable sensitivity.

Mechanical & Environment	
Chassis	Powder coated aluminium
Ingress Protection	IP54 with 4x configurable cable grommets (optional)
Size	229 x 1190 x 705mm (d x w x h)
Weight	52kg, 58kg in carton
Operating temperature	-40°C to +45°C
Storage temperature	-20°C to +45°C
Humidity	5-90% R-H. non-condensing
ROHS	Compliant
CE	EN50121-1 & EN50121-4

Block Diagram



Technical Drawings

