



# PWS

## Datasheet

### PWS | Mobile Touch Screen

DYNICS PWS is a mobile large screen display that is a plug and play unit with an embedded computer for easy access and service ability, with infrared touch sensors.

#### Key Features

- Infrared 20 Points of Touch
- Optional Soundbar
- Mobile
- Durable and Light Weight, Extruded Aluminum Stand
- Rapid Response Video Controller
- 24/7 Operation



#### Display Specifications

Size	Resolution	View Angle	Contrast	Brightness	Aspect Ratio
55"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	4000:1	400 nits	16:9
75" (Glass Lens Only)	4K 3840 x 2160	H: -89°/+89°, V: -89°/+89°	4000:1	400 nits	16:9
80"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	5000:1	500 nits	16:9
<b>Lens</b>	Infrared 20-Point (Touch Screen) / Laminated Glass				
<b>LCD Life</b>	50,000 Hour Backlight Half-Life				
<b>Enclosure</b>	Standard Black Powder Coat Finish				

PC Specifications	55" / 75" / 80"	55" / 80"	75"
<b>Motherboard</b>	<b>MINI-ITX Q170</b>	<b>ProAV</b> (Monitor only)	<b>Pro4K</b> (Monitor only)
<b>I/O</b>	1x 1Gb Ethernet Port (Supporting Intel® AMT™) 1x 1Gb Ethernet Port 1x RS232 Port 4x USB 3.0 Ports 4x USB 2.0 Ports 2x PS/2 Ports (Keyboard & Mouse) 1x DVI-D Port 2x DisplayPorts V1.2 2x Audio Jacks (Mic-In/Line-Out)	1x HDMI Port 1x DisplayPort 1x VGA Port 1x Audio Jack (Line-In) 1x Remote Control	4x HDMI Ports 1x DisplayPort 1x Remote Control
<b>CPU</b>	6 <sup>th</sup> Gen Intel® Core i5 6500TE / i7 6700TE	N/A	N/A
<b>CPU Speed</b>	i5 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 4 Threads) i7 – 2.4GHz Base, 3.4GHz Turbo (4 Cores, 8 Threads)	N/A	N/A
<b>Memory</b>	Up to 32GB DDR4		
<b>Power Supply</b>	100~240VAC (3-Pin) Power Entry		
<b>Storage</b>	240GB – 2TB SATA SSD / 1TB HDD		
<b>Operating System</b>	- Windows® 7 (64-bit) - Windows® 7 Embedded Standard (64-bit) - Windows® 10 Professional (64-bit) - Windows® 10 Enterprise IoT LTSC 2016 (64-bit)		
<b>Temperature</b>	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)		
<b>Relative Humidity</b>	Non-Condensing: 20% - 80%		
<b>Compliance</b>	European Union Directive 2011/65/EU (RoHS)		
<b>Warranty</b>	24-Month limited warranty. Extended warranty available, contact DYNICS for details.		





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### Dimensions, Weight and Power Consumption

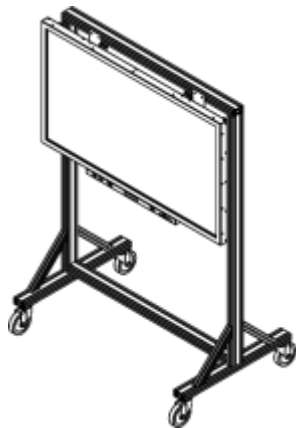
	55"	75"	80"
<b>Height</b>	70.500" (1790.7mm)	TBD	72.490" (1841.2mm)
<b>Width</b>	50.408" (1280.4mm)	TBD	73.011" (1854.5mm)
<b>Depth</b>	34.636" (879.8mm)	TBD	30.000" (762.0mm)
<b>Weight</b>	240 lbs.*	TBD	375 lbs.*
<b>Power Consumption</b>			
<b>MINI-ITX Q170</b>	240 Watts**	TBD	445 Watts*
<b>ProAV (Monitor Only)</b>	TBD	N/A	TBD
<b>Pro4K (Monitor Only)</b>	N/A	TBD	N/A

\*Weights are approximate, contact DYNICS for details.

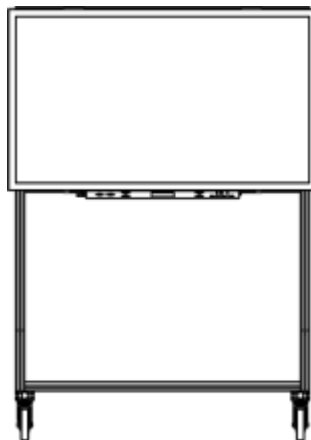
\*\*Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

### Mechanical Drawings

Isometric View



Front View



Right Side View



### Power Entry (3-Pin) 100~240VAC



1 GROUND  
2 LINE  
3 NEUTRAL

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

