DYNICS UW37 is a Back-to-back Ultra-Wide 37" Dual Display that includes integrated PC, in each side. Built into a fully sealed IP55 metal enclosure, the UW37 back-to-back is equipped with a 15° Tilt Mounting Bracket, Welded Hangers for Ceiling Mount, and Metal Drip Proof Hood.

- Ultra-Wide Display System
- 100~240VAC (3-Pin) Power Entry
- Optional Wi-Fi - 2.4/5 GHz Wireless 802.11 a/g/n
- Optional Soundbar

**DISPLAY SPECIFICATIONS**

- **SIZE**: 37" (Diagonal)
- **RESOLUTION**: 1920 x 540 Pixels
- **VIEW ANGLE**: H: -89°/+89°, V: -89°/+89°
- **CONTRAST**: 4000:1
- **BRIGHTNESS**: 465 nits
- **ASPECT RATIO**: 32:9
- **LENS**: Protective Polycarbonate Lens (Non-Touch)
- **ENCLOSURE**: Steel Enclosure with Powder Coat Finish

**PC SPECIFICATIONS**

- **COMPUTER I/O** (Each Side)
  - 2x 1Gb Ethernet Ports (RJ45)
  - 2x USB 3.0 Ports
  - 1x Audio Jack (Line-Out for DYNICS Optional Soundbar)
  - CPU Braswell N3160
  - CPU SPEED: 1.6GHz Base, 2.24GHz Turbo, 2MB Cache (4 Cores, 4 Threads)
  - MEMORY: Up to 8GB DDR3
  - STORAGE: 256GB – 2TB SATA SSD / 1TB HDD
  - OPERATING SYSTEM:
    - Windows® 10 Enterprise IoT LTSC 2019 (64-bit) (Code=E19)
    - Windows® 10 Enterprise IoT LTSC 2021 (64-bit) (Code=E21)
    - Windows® 10 Enterprise Pro (64-bit) (Code=W10)
    - Linux® Ubuntu® (Code=LUB) (Contact DYNICS for more details)
  - POWER SUPPLY TEMPERATURE:
    - Operating: 0°-50°C | 32°-122°F
    - Non-Operating: -25°-60°C | -13°-140°F
  - RELATIVE HUMIDITY:
    - Non-Condensing: 20% - 80%
    - Operating: 10G
    - Non-Operating: 15G
  - VIBRATION:
    - Operating: 1.0G from 57~2000Hz
    - Non-Operating: 2.5G from 57~2000Hz
  - INCLUDED:
    - 2x 6 ft. Power Cable
  - COMPLIANCE:
    - European Union Directive 2011/65/EU (RoHS)
  - WARRANTY:
    - 24-Month limited warranty. Extended warranty available, contact DYNICS for more details.
## LARGE FORMAT DIGITAL SIGNAGE

### UW37-B2B

### DIMENSIONS, WEIGHT AND POWER CONSUMPTION

<table>
<thead>
<tr>
<th>Size</th>
<th>37&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>45.9&quot; (1167.4 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>23.9&quot; (608.6 mm)</td>
</tr>
<tr>
<td>Depth</td>
<td>23.9&quot; (608.6 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>206 lbs.</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>162 Watts**</td>
</tr>
</tbody>
</table>

*Weights are approximate, contact DYNICS for details.

**Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

### MECHANICAL DRAWINGS

#### FRONT VIEW

![Front View](image)

#### SIDE VIEW

![Side View](image)

#### TOP AND BOTTOM VIEW

![Top and Bottom View](image)

#### ISOMETRIC VIEW

![Isometric View](image)

#### POWER ENTRY

(3-Pin) 100~240VAC

![Power Entry](image)

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.