

# DISPLAY DEVICES

*Design • Engineering • Manufacturing*



## 65" PENTAGRAM IKE

### Overview

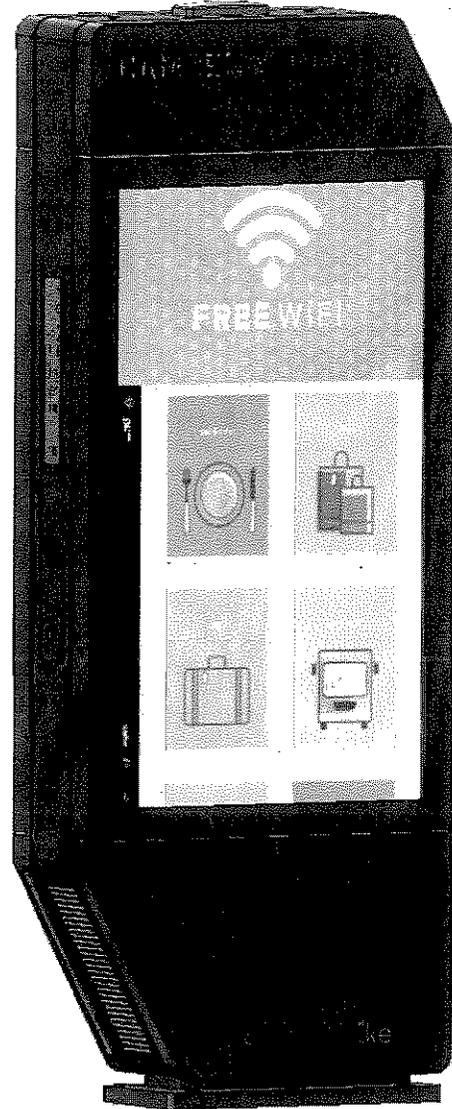
The 65" OBM IKE is designed for outdoor digital advertising with Smart City features including pedestrian interactivity and analytics. The kiosk encourages city exploration by providing wayfinding, points of interest, business listings and live transit info. The exterior form and proportions of the hardware was designed by Pentagram. Engineered and manufactured by Display Devices.

### Equipment and Features

- Customizable aesthetics including colors and signage
- ADA compliant
- Supports static and dynamic imagery
- Dual sided auto dimming monitors up to 4000 nits, ensures visibility day or night, in any weather condition
- Top of the line projected capacitive touch screens, auto-fixing and multi touch
- Custom air conditioning and heating system
- Environmental Control System keeps equipment running in an operable environment, including cloud power management and system monitoring
- Industrial media players
- Selfie Cameras
- Multi language supported
- Laminated tempered glass, aluminum (corrosion resistant) construction and security locks keep hardware safe from environmental factors and the public including vandalism
- Bluetooth beacon

### Optional Equipment or Features

- Push button emergency call system with local municipality monitoring w/ UPS (12hr idle, 20 min call)
- Security/facial recognition system, cameras and DVR
- Air quality monitoring system: Volatile Organic Compounds (VOC), Carbon Monoxide (CO), Ozone (O3), Sulfur Dioxide (SO2), Nitrogen Dioxide (NO2), Particulate Matter (PM), Humidity, Temp and Pressure
- Small cell repeater (connectivity)
- Hotspot WiFi plus live audience data via handheld device detection/analytics
- Speakers and headphones jack
- External *fake* security camera for deterring vandalism and vicinity crimes



# Kiosk Specifications

ADA Compliance	<ul style="list-style-type: none"> <li>● Minimum touchscreen height (ADA enabled) = 15 inches</li> <li>● Maximum touchscreen height (ADA enabled) = 48 inches</li> <li>● Side reach maximum (i.e. footing-to-screen distance) = 10 inches</li> <li>● Leading edge of protrusion must be less than 27 inches</li> </ul>
Electrical Requirements	<ul style="list-style-type: none"> <li>● 50A @ 110V (or 2X 20A @ 110V) / 20A @ 220V / optional 277V</li> <li>● Max power consumption ~3783W (basic features) / ~4020W (all features)</li> <li>● Designed, Inspected and labeled to UL standards</li> </ul>
Footing/Structural	<ul style="list-style-type: none"> <li>● To be designed by regionally licensed structural engineers to meet exact location requirements. These requirements take into consideration wind loads, soil types, regional codes and other site conditions.</li> <li>● Soil bearing pressure = 1,500 psf &amp; coefficient of friction = 0.30</li> <li>● Wind Speed V(asd)= 81 mph (3 seconds), V(ult) = 105 mph (3 seconds)</li> </ul>
Environmental Conditions	<ul style="list-style-type: none"> <li>● Operating temperature: -30°F to 130°F</li> <li>● Operating humidity: 5% to 95%</li> <li>● Protective door glass is tempered and laminated with optical clear resin</li> <li>● Dust and water resistance to a rating of IP-56</li> <li>● Designed for 20" flood water line</li> </ul>
Display	<ul style="list-style-type: none"> <li>● Dynascan Model (DS652LR5)</li> <li>● Power Consumption: 740W max each</li> <li>● Screen size: 64.53 inches</li> <li>● Screen type: IPS LCD</li> <li>● Orientation: Portrait</li> <li>● Direct LED backlit, Brightness: 4000 nits</li> <li>● Active Image Area: 56.2 x 31.6 inches. (1428.5 x 803.5 mm)</li> <li>● Resolution: 1920 x 1080, Aspect Ratio: 16:9</li> <li>● Viewing angle: (H x V) 178° x 178°</li> <li>● Dimmable based on ambient light sensor</li> <li>● Lifetime 50,000 hours</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>● Mobile Modem, LTE Advanced with SIM-based auto-carrier</li> <li>● Fiber Optics</li> <li>● Copper</li> </ul>
Sound Levels	<ul style="list-style-type: none"> <li>● 40-80 db (mid-day heavy populated pedestrian mall 1-8 db over ambient at 5ft) <i>based on downtown denver kiosks as comparable example</i></li> </ul>
Air Conditioner	<ul style="list-style-type: none"> <li>● 110V, 220v -optional</li> <li>● Power consumption ~1400W</li> <li>● Dual compressor</li> <li>● 12K BTU</li> <li>● 12 x 16 custom air filter</li> </ul>
Physical	<ul style="list-style-type: none"> <li>● Approximate weight: ~800lbs.</li> <li>● Size: (H x W x D) 99.5" x 37.5" x 16"</li> </ul>