# VMS-NAV 1x2

## DESCRIPTION

With a smart-sensor system, digital variable messaging signs are placed at key driver
wayfinding decision points within parking structures.

Each VMS-NAV aisle sign can display a wide range of guidance information, including the
number of currently available spaces for its indicated area, icons, and textual messages enabling visitors
to quickly make decisions about where to park.

Park Assist VMS-NAV 2x3 signs are capable of displaying static informational content as well as dynamic
counts. They can be installed stand-alone or incorporated into an enclosure with one or more signs.

Light emitting diodes (LEDs) are the key optical element, forming the basis for all illuminated characters
and symbols. Character display color is selectable



**Part Numbers:**

| | |
|---|---|
| **Content Display** | |
| Capabilities | Static text or dynamic digits, icons, static or scrolling arrows |
| | Appear/disappear animation can be applied to any content |
| | Up to 6 rows of text using 5pt font |
| | Up to 4 pages of content layouts |
| | Up to 3 special messages triggered by external systems via 5V DIO pins |
| Font | 5 x 5 (normal, 40 mm character height) |
| | 6 x 7 (normal, 56 mm character height) |
| | 8 x 14 (normal, 112 mm character height) |
| | 9 x 15 (normal, 120 mm character height) |
| | 9 x 16 (normal, 128 mm character height) |
| | 10 x 26 (narrow, 208 mm character height) |
| | 16 x 16 (symbols, arrows, icons, etc) |
| | 16 x 32 (normal, 256 mm character height) |
| | 18 x 32 (bold, 256 mm character height) |
| Active Area | 256 mm x 768 mm (9.8 x 30.3) |
| Digit Color | 24-bit RGB for 16.7M colors |
| Brightness | Continuously adjustable via software, up to 6400 nits |
| Maximum Viewing Range | 135 m @ 24-40 km/h (450 @ 15-35 mph) |
| Maximum Viewing Angle | Legible viewing maintained at 60° off-axis in any direction |
| LED Service Life | 100,000 hours MTBF |
| **Communications** | |
| Communication | 2x switched Ethernet ports for daisy chaining comms. |
| Protocols Supported | TCP, UDP, DHCP, SNMP, MQTT |
| **Environment** | |
| Operating Temperature | -20° to 50°C (-4° to 122°F) |
| Environmental Sealing | IP65 |
| **Mechanical** | |
| Operating Temperature | IP rating: IP44 |
| **Mechanical** | |
| Mounting Options | 4x M8x1.25 threaded inserts on top |
| | 2x M8x1.25 threaded inserts on sides |
| Service Access | From front by removing LED tile. Electrical connections made via removable panel on rear |
| Case Material | Black powder-coated aluminum |
| Case Impact Resistance | IK08 |
| **Electrical** | |
| Voltage | 85-264 V AC / 47-63 Hz |
| Power Draw | 15W typical @ 25% brightness \| 165W maximum |
| Power Connection | Internal terminal strip |

# Specs

| Electrical | |
|---|---|
| Protection | Reverse polarity protected |
| Product Safety | UL Listed to UL Std. 48 |

| Dimensions | |
|---|---|
| Height | 256 mm (9.8) |
| Width | 768 mm (30.3) |
| Depth (cabinet only) | 100 mm (3.9) |
| Weight | 6 kg (13 lbs) |



## RELATED




**TKH Security VMS-NAV 1x2 Aisle Sign**
VMS-NAV 1x2



**TKH Security M5 Sensor**
Camera Sensor, 5th Generation, single camera, daisy chain



**TKH Security M5 Power Cabinet**
Cabinet for M5 ecosystem