

# HID® Facepod

## Fast, accurate and seamless authentication

The HID Facepod provides the ideal combination of a facial recognition camera that leverages best-of-breed algorithms, multi-touch screens and light guidance features to deliver a frictionless user experience in real-world environments.

The device offers automatic face detection, capture, image quality checks and match — and can be installed for use on a wall, desktop or counter, pedestal or eGate solution to provide accurate and reliable face authentication in high throughput, secure areas.

Facepod enables seamless authentication for air travel and transportation, border control and immigration, retail and hospitality, healthcare and secure applications.

### FAST & ACCURATE

Swift, secure access transforms the user experience. Facepod's portrait field of view accommodates a variety of height requirements without adjustments or wait times. Our algorithm is trained using an extensive, ethically sourced dataset across a wide number of gender, racial and age characteristics to reduce matching bias. The matching algorithm consistently excels in NIST Face Recognition Technology Evaluation (FRTE) benchmarks — ranking at the top for 1:1 verification, 1:N identification and Paperless Travel.

### HIGH PERFORMANCE IN CHALLENGING LIGHTING

Utilizing a combination of RGB and NIR, Facepod can address real-world lighting conditions from low to bright light or even total darkness. Designed to operate in "must work" environments, our face-aware image capture performs reliably — without operator intervention or customer delays.

### INTUITIVE GUIDANCE

People on the move can quickly understand the entrance process and their status. Front light strips illuminate for configured user access indications (such as green for access granted and red for access denied). Integrated stereo speakers provide audio cues and user feedback. For operators, the rear display provides feedback and light strips to indicate access status.

### ADVANCED PAD FOR LIVENESS DETECTION

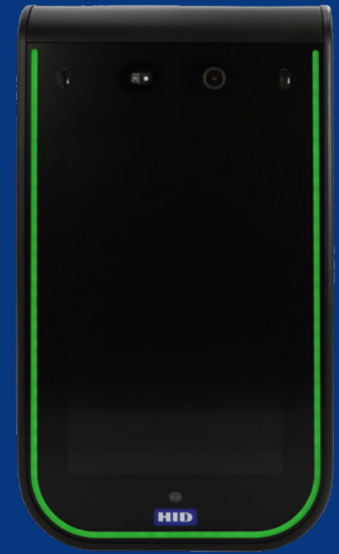
Combining HID's multispectral imaging (MSI) technology with artificial intelligence (AI) and machine learning ensures advanced presentation attack detection (PAD). This passive liveness detection combats spoof attempts with 3D masks, printed pictures or digital images, preventing fraud attempts in unattended use cases. Facepod meets ISO 30107-3 PAD compliance.

### MATCHING AT THE EDGE

Facepod performs capture, matching, identification, verification and passive liveness detection at the edge. This on-device biometric processing reduces bandwidth constraints, improves performance, enhances privacy and enables offline authentication in areas with limited connectivity.

### EASY INTEGRATION

Designed for easy integration and flexibility for system integrators, different Facepod configurations can support each specific use case and mounting option, whether a counter, floor, wall or eGate.



### FUNCTIONALITY:

- Integrated with the HID® U.ARE.U™ Camera Identification System, enabling edge processing for high throughput
- Automatic face detection, capture, image quality checks and match
- Front touchscreen with light strip for illumination and user feedback
- Rear display touchscreen with light strip for illumination and operator feedback
- Audio speaker for cues and user feedback
- Portrait field of view without need for height adjustment
- Advanced presentation attack detection (PAD) conforming to ISO 30107-3
- Flexible mounting options: desktop/counter, pedestal, wall/VESA mount or eGate

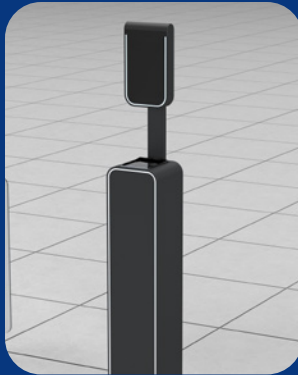


# HID Facepod

## FLEXIBLE MOUNTING



Desktop/Counter



Pedestal



eGate

## SUPPORT A WIDE RANGE OF APPLICATIONS

### Travel

- Check-in
- Bag tags & drop
- Security checkpoint
- VIP lounge access
- Duty-free shopping
- Boarding
- Border control

### Retail & Hospitality

- Hotel check-in
- Face payment at check-out
- Employee access control
- Time and attendance
- Age verification

### Healthcare

- Patient check-in & check-out
- Visitor management
- Time and attendance
- Employee access control

<b>Product Name</b>	HID Facepod
<b>Facial Recognition Camera</b>	<p>HID U.ARE.U Camera Identification System Camera Sensing Technology:</p> <ul style="list-style-type: none"> <li>• Multispectral RGB-IR day/night sensing, active structured 3D depth projector with 2D flood illuminator @ 940 nm</li> <li>• Image sensor: 8 MP 1.4 um NIR enhanced BSI technology, full HD video outputs (1920x1080, 3x streams visible, NIR, depth)</li> <li>• Light spectrum range: 0–20Klx (NIR), 2–10Klx (RGB)</li> <li>• Working distance: 20–150 cm (face recognition), 40–100 cm (face recognition with PAD enabled)</li> <li>• Face recognition performance: User configurable for FMR 1e-4, 1e-5, 1e-6</li> <li>• PAD performance: ISO 30107-3 Level 1 (Level 2 pending)</li> <li>• Field of view: Portrait mode: 74°V x 45°H</li> <li>• On-board database capacity: 0–100K facial templates for 1:1 or 1:N matching</li> <li>• Supported image formats: PNG, JPG</li> <li>• Security features: Secure boot, secure key storage, mutual authentication, cipher suites for template/channel encryption include AES, TDES, etc., secure firmware updates</li> <li>• SDK (included): U.ARE.U Camera Identification System</li> </ul>
<b>Front Display</b>	10.1 inch (25.65 cm) touchscreen (1280x800) portrait display
<b>Rear Display (optional)</b>	7 inch (17.78 cm) touchscreen (1024x600) portrait display
<b>Audio UX</b>	Stereo speakers for audio cues and user feedback
<b>Visual UX</b>	RGB LED strips for illumination and user access indication
<b>Connectivity</b>	Ethernet: 10/100/1000Base-T Two USB 3.0 host ports
<b>Privacy Mode</b>	Proximity sensor to activate camera only when a person is standing in front of the Facepod
<b>Dimensions</b>	7.87 in. x 13.98 in. x 2.2 in. (200 mm x 355 mm x 56 mm)
<b>Weight</b>	2.8 kg (6.2 lbs.)
<b>Mounting</b>	VESA mount: 100 x 100 (mm) compatible - arm not included
<b>Environmental Operating Conditions</b>	32° F - 122° F (0°C - 50°C); Up to 85%RH; IP54
<b>On-Board Computer</b>	Intel Core i3 or i5, 8 GB RAM, 128 GB SSD, Ethernet, USB
<b>Power Supply</b>	75W, 3A@24V (full load mean power) 125W, 5A@24V (full load mean power)
<b>Compliance</b>	CE, UKCA, FCC, RoHS, REACH, TSCA, Prop 65, WEEE, UL, CB, IEC 61000-4-2 Level 4

Data subject to change without notice.

OmniData Services Group

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