

HID® Facepod™

Augmented Real-time Facial Recognition Experience

HID Facepod is a high-performance facial recognition terminal designed for secure, accurate and contactless identity verification in high-throughput environments. Built with edge AI processing, advanced presentation attack detection (PAD) and intuitive user interfaces, Facepod delivers consistent performance in real-world conditions — from airport terminals and border control to other secure access points.



RECOGNITION PERFORMANCE

Facepod captures users of different heights without requiring manual adjustments. It performs reliably in low light, bright light and even in total darkness. Its facial recognition algorithms rank among the top in NIST FRTE benchmarks for 1:1 verification, 1:N identification and paperless travel. The AI is ethically trained to reduce bias across gender, age and ethnicity.

USER INTERFACE

Designed for intuitive, self-guided use, Facepod detects presence instantly and responds automatically. The 10.1" front touchscreen and LED light strip provide clear visual feedback, while stereo speakers offer audio guidance. A 7" rear display with its own light strip gives operators real-time status visibility, supporting both unattended and semi-attended use cases.

EDGE SECURITY

All biometric processing — including face detection, capture, matching and passive liveness detection — happens on-device. This reduces latency, minimizes bandwidth use and enables offline authentication. PAD is ISO 30107-3 compliant and detects spoofing attempts using masks, photos or digital images. Security features include secure boot, encrypted data and injection attack protection.

INTEGRATION FLEXIBILITY

Facepod includes an embedded PC for local application hosting and peripheral integration, such as eGates, document readers and payment terminals. It supports multiple mounting options — desktop, wall, pedestal or eGate — using a standard VESA interface. Running on Windows OS, it simplifies IT integration and supports fast deployment with minimal support needs.



FUNCTIONALITY:

- Intelligent facial recognition system with a wide field of view for users of different heights
- RGB + NIR imaging for consistent performance in all lighting conditions
- Presentation attack detection (PAD) compliant with ISO 30107-3
- Edge processing for on-device capture, matching and spoof detection
- Dual displays: 10.1" front (user) and 7" rear (operator), both with LED feedback
- Audio and visual cues for intuitive, self-guided interaction
- Embedded PC supports local apps and peripheral integration (e.g., eGates, document readers)
- Flexible mounting: desktop, wall, pedestal or eGate — all VESA-compatible
- Secure architecture with encrypted data, secure boot and injection protection

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
- CRM and customer loyalty program
- 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

Product Name	HID Facepod
Facial Recognition	HID U.ARE.U™ Face Module sensing technology: • Multispectral RGB-IR day/night sensing, active structured 3D depth projector with 2D flood illuminator @ 940 nm • Image sensor: 8 MP 1.4 um NIR enhanced BSI technology, full HD video outputs (1920x1080, 3x streams visible, NIR, depth) • Light spectrum range: 0–20Klx (NIR), 2–10Klx (RGB) • Working distance: 20–150 cm (face recognition), 40–100 cm (face recognition with PAD enabled) • Face recognition performance: User configurable for FMR 1e-4, 1e-5, 1e-6 • PAD performance: ISO 30107-3 Level 2 • Field of view: Portrait mode: 74°V x 45°H • On-board database capacity: 0–100K facial templates for 1:1 or 1:N matching • Supported image formats: PNG, JPG, ISO 19794-5:2011 • Security features: Secure boot, secure key storage, mutual authentication, cipher suites for template/channel encryption include AES, TDES, etc., secure firmware updates • SDK (included): Facepod SDK, U.ARE.U Face Module SDK
Front Display	10.1 inch (25.65 cm) touchscreen (800x1280) portrait display
Rear Display	7 inch (17.78 cm) touchscreen (600x1024) portrait display
Audio UX	Stereo speakers for audio cues and user feedback
Visual UX	RGB LED strips for illumination and user access indication
Connectivity	Ethernet: 10/100/1000Base-T Two USB 3.0 host ports
User Detection	Proximity sensor to detect users approaching the Facepod and start a seamless experience
Dimensions	7.87 in. x 13.98 in. x 2.2 in. (200 mm x 355 mm x 56 mm)
Weight	2.8 kg (6.2 lbs.)
Mounting	VESA mount: 100 x 100 (mm) compatible - arm not included
Environmental Operating Conditions	32° F - 104° F (0°C - 40°C); Up to 85% RH
On-Board Computer	Intel Core i3 or i5, 8 GB RAM, 256 GB SSD, Ethernet, USB
Power Supply	40W, 1.7A@24V (typical power consumption) 125W, 5A@24V (maximum power consumption)
Compliance	CE, UKCA, FCC, RoHS, REACH, TSCA, Prop 65, WEEE, UL, CB, IEC 61000-4-2 Level 4

Data subject to change without notice.



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