SYNEL™ AMERICAS

Element/8
Horizontal

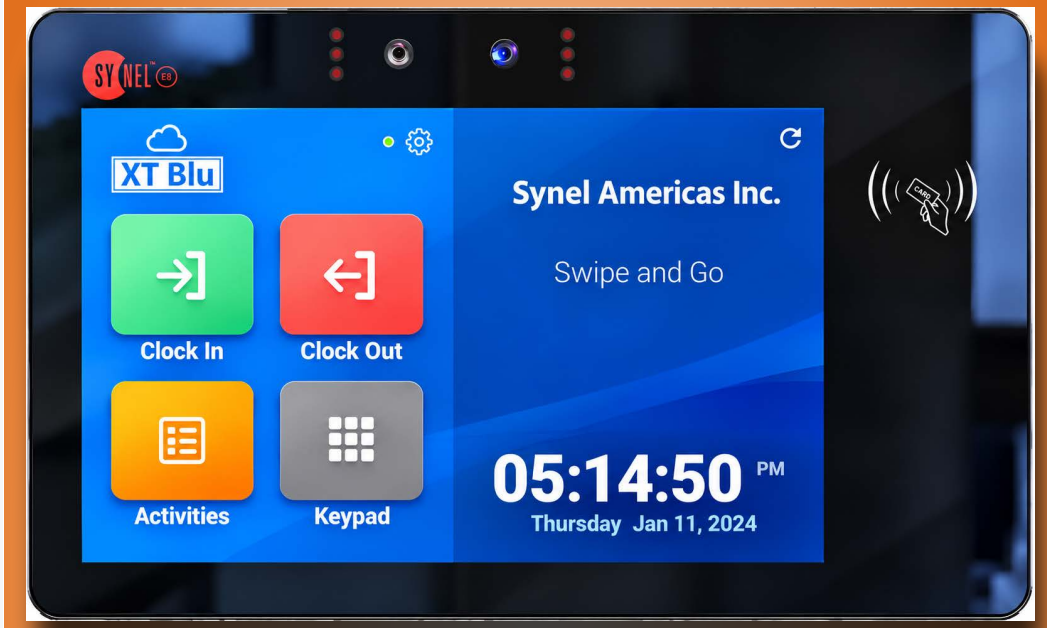
Your Competitive Edge: Smarter, Faster, Affordable Hardware

Affordable Innovation Without Compromise
Delivering a powerful yet cost-effective hardware solution, enabling businesses to upgrade seamlessly without exceeding their financial limits. Designed as an entry-level option with an accessible price point, it retains all essential features with no compromise on functionality. This balance of affordability and performance helps you tap into cost-conscious markets and expand your sales opportunities.

Modern and Durable Design
Features a sleek, compact design and reinforced durability, making it ideal for a wide range of work environments. The rugged casing protects against daily wear and tear, making it a reliable choice for businesses needing a long-lasting hardware solution.

Fast and Responsive Performance
Powered by Android 13 and a RK 3568 Quad-Core, 2.0 GHz processor, ensuring lightning-fast operation and seamless app performance. With 4 GB RAM and 16 GB of internal storage, businesses can experience smooth workforce data collection, seamless employee authentication, and quick system integrations. Its efficient performance reduces clock-in congestion, improving productivity and the overall user experience.

PoE Port Optional (Horizontal Version Only)







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Element/8

Specifications	
OS	Android 13
CPU	RK 3568, Quad-core CPU, 2.0/1.8 GHz
Configuration	4 GB RAM + 16 GB storage
LCD Screen Size	8”
Screen Resolution	800 px × 1280 px
Viewing Angle	R/L 178° full viewing angle
Luminance	500 cd/m2
Touchscreen	Ten-point capacitive touch screen
Camera	Binocular camera with 2 MP resolution, wide dynamic range (WDR), supports liveness detection, shooting distance of 0.4 m–2 m
Card Reader	Reading time <1s Card reading distance 0 mm–30 mm
Card Type	HID, iClass, Mifare, and EM
Lighting	Three-color fill light (green, red, white)
Speaker	8 Ω, 3 W
Working Parameters	Voltage: 12V, Current 3A Operating Temperature: 20–70°C Humidity: 5–90% RH
External Interfaces	1 USB/OTG, 1 RJ45, 1 relay output, 1 power supply, 1 Wiegand, 1 RS232/RS485 port
Surface Material	Aluminum alloy, CNC carving, anodized finish
Screen	Tempered glass panel
Installation Options	Column gate machine, wall-mounted, or desktop
Color	Black



1. Dual Camera
2. LCD Screen
3. Touchscreen
4. IC/ID Card Reader
5. Anodized Aluminum Alloy Body
6. Speaker

Learn More Visit us at: www.synel-americas.com

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