



Features Comparisons	Wavelynx Ethos Readers	Wavelynx APEX Readers
	<p>The Ethos Reader is designed to provide secure, flexible, and future-ready access control solutions</p>	<p>The APEX Reader suite is designed to support diverse deployment environments and increase installation versatility for unmatched durability, flexibility, and efficiency with advanced hardware upgrades.</p>
<p><b>Support diverse deployment environments.</b></p>	<p>X</p>	<p>Rated for IP65</p>
<p><b>Offers a suite of readers for flexibility and versatility</b></p>	<p>X</p>	<p>Addition of Mullion Keypad</p>
<p><b>Enable Seamless Migration to OSDP</b></p>	<p>✓</p>	<p>✓</p>
<p><b>Expand OEM &amp; Integrator Opportunities</b></p>	<p>✓</p>	<p>✓</p>
<p><b>Support Evolving Credential Ecosystems</b></p>	<p style="text-align: center;">X</p> <p>No new firmware updates - due to end of life</p>	<p>Easier configuration process for adding credentials</p>
<p><b>Enhance Installation Flexibility &amp; Robustness</b></p>	<p>X</p>	<p>✓</p>
<p><b>Reduce Power Consumption &amp; Improve Sustainability</b></p>	<p>X</p>	<p>50% power reduction compared to Ethos</p>
<p><b>Increase Product Reliability and Security</b></p>	<p>✓</p>	<p>✓</p>
<p><b>Accelerate Time-to-Install</b></p>	<p>X</p>	<p>Terminal Block Wiring</p>
<p><b>Remote Updates</b></p>	<p>✓</p>	<p>✓</p>

Technical Comparisons	Wavelynx Ethos Readers	Wavelynx APEX Readers
<b>Colors</b>	Black / Beige	Black
<b>Current</b>	100mA @ 12 VDC	50mA at 12 VDC
<b>Models</b>	Mullion, Single, Keypad	Mullion, Single, with & without keypad
<b>Voltage</b>	5-16 VDC	5-24 VDC
<b>Temperature Range</b>	-35 to 66 C and EN -40 to 70C and 95% humidity	UL tested -35° to 66°C and EN -40° to 70°C and 95% humidity Environmental Rating and state UL294 Suitable for Outdoor Use
<b>Read Range</b>	13.56 MHz (NFC): Improved signal-to-noise ratio, dynamic power output 125 kHz (Prox) Bluetooth: BLE 5.3 with long-range support (Coded PHY), Bluetooth Mesh, and Zigbee	2"
<b>Dimensions</b>	Mullion (ET10): 5.1" x 1.7" x 0.71" Single Gang + Keypad (ET20 and ET25): 5.1" x 3.25" x 0.71"	Mullion (AX-10) (5.25" L x 1.81" W x 0.73" T) Mullion with keypad (AX-15) (5.25" L x 1.81" W x 0.92" T) Single Gang (AX-20) (5.25" L x 3.29" W x 0.73" T) Single Gang with Keypad (AX-25) (5.25" L x 3.29" W x 0.92" T)
<b>Form Factors</b>	Mullion ET10 Single-Gang ET20, with and without a keypad.	Mullion (AX-10) Mullion with keypad (AX-15) Single Gang (AX-20) Single Gang with Keypad (AX-25)
<b>Security Level</b>	EAL6+ Cryptographic Module	EAL6+ Secure Element
<b>Country of Origin</b>	USA	USA
<b>Warranty</b>	Lifetime on non-keypad models, 3-year on keypad models	Lifetime on non-keypad models, 3-year on keypad models
<b>Regulatory Compliance</b>	FCC and IC Certified CE DoC with EN 62368-1:2014 and related EMC/Spectrum tests UL294 OSDP Verified to V2.2	FCC and IC Certified CE DoC with EN 62368-1:2014 and related EMC/Spectrum tests UL294 OSDP Verified to V2.2
<b>RF Technology</b>	13.56 MHz (NFC), 125 kHz (Prox), Bluetooth BLE 5.3	13.56 MHz (NFC), 125 kHz (Prox), Bluetooth BLE 5.3
<b>Autodetect</b>	Automatically detects if the device is installed in a Wiegand or OSDP infrastructure.	Automatically detects if the device is installed in a Wiegand or OSDP infrastructure.
<b>Remote Firmware Upgrades</b>	Supported for radio enable/disable and control sequencing	Supported for radio enable/disable and control sequencing
<b>Credential Support</b>	All Ethos-supported credentials, including NFC, Prox, and Bluetooth	All Ethos-supported credentials, including NFC, Prox, and Bluetooth
<b>LEDs</b>	Red/Green/Blue LED light bar at the top (Visual Feedback)	Red/Green/Blue LED light bar at the top (Visual Feedback)
<b>Tamper</b>	Accelerometer-based tamper detection	Accelerometer-based tamper detection