

PoE Stacklights

AXM-POESL5-0020 / AXM-POESL5-0025 / AXM-POESL5-0030 /
AXM-POESL5-0031/ AXM-POESL5- 0032



These 3 models of Stacklight are all powered from the Ethernet connection conforming to IEEE 802.3af. The ethernet interface allows for simple setup using a browser and further support for WebSockets and WebServices to allow connections to Shop floor computers, Back End Servers and PLCs.

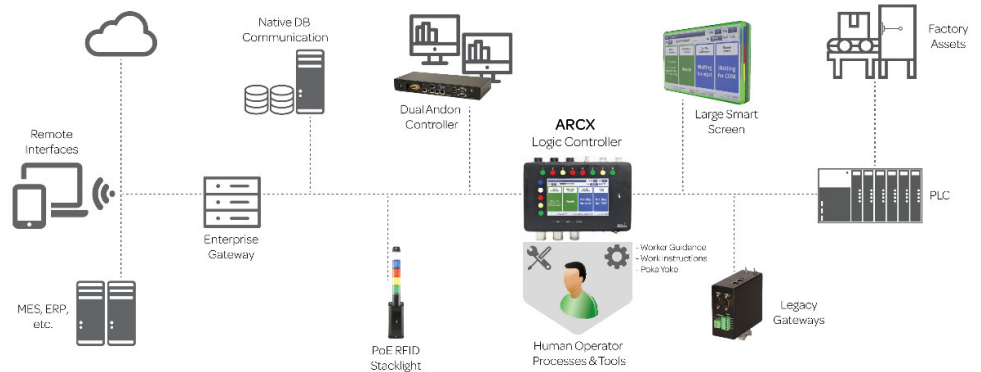
The integration of the stack light functionality along with an RFID badge reader makes the device well suited for access control of machine equipment or as use a KANBAN material call system.

APPLICATIONS

- Worker Authentication
- Access Control
- Advanced materials handling and replenishment
- Operator/tool assist (poka yoke)

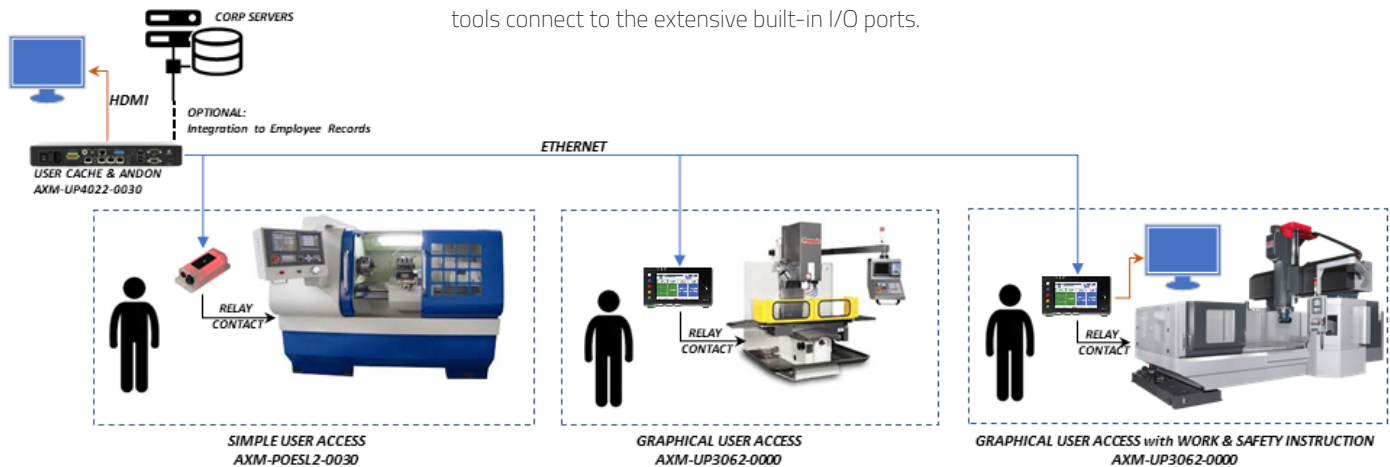
FEATURES & BENEFITS

- Supports concurrent network protocols including TCP/IP, HTTP, TELNET, WebServices, WebSockets
- Connect shop floor devices and business IT systems
- Remote management and troubleshooting via web browser on any device.



PoE Stack Lights provide a unique integration of process indication and user access. Built on open-platform industrial technologies allows for simplified connectivity. In the diagram above we depicted how the device fits into the ARCX Automation Ecosystem. In the diagram below we depict how the device in conjunction with our other offerings can configure a shop wide user access control to equipment based on training level.

Other models in this family of products allow for connections to Sensors, actuators, Encoders and tools connect to the extensive built-in I/O ports.



Technical specifications

Model #	AXM-POESL2-0030 AXM-POESL2-0031	AXM-POESL5-0025	AXM-POESL5-0020
Performance	ARM Cortex M7 @ 600MHz		
Memory	512Kbyte RAM, 16Mbyte HyperFLASH		
USER INTERFACE			
Illumination	Internal Dimmable 5 Color	EXTERNAL 5 COLOR	EXTERNAL 5 COLOR
125KHz RFID	YES	YES	YES
13.5MHz RFID	YES	YES	-
INPUT / OUTPUT			
Outputs	2 FORM A	2 FORM A	2 FORM A
Inputs	2 OPTO ISOLATED	2 OPTO ISOLATED	2 OPTO ISOLATED
COMMUNICATION			
PoE	802.3af	802.3af	802.3af
Ethernet 10/100Mb	YES	YES	YES
PHYSICAL			
Power over Ethernet	802.3af	802.3af	802.3af
Weight	0.8 lbs	1.0 lbs	2lbs
Size	6.25" x 2.75" x 2.2"	15.5" x 2.75" x 2.25"	15.5" x 2.75" x 2.25"
Temperature	Storage temperature: -40°C to +85°C Operating temperature: -5°C to +45°C Humidity: 40% non-condensing		
Vibration	5-17Hz, 0.1" double amplitude displacement 17-640Hz, 1.5G acceleration peak to peak		
Shock	10G (11mS) peak-to-peak acceleration		
Enclosure	IP67	IP51	IP51
NETWORK PROTOCOLS	TCP/IP, WebSockets, WebServices, HTTP, TELNET		
WARRANTY	1 Year Limited		

Ordering information

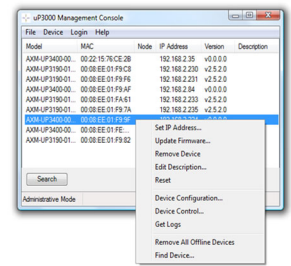
DESCRIPTION	PART NUMBER
5 color Mini Stack Light with HID card reader, Ethernet, POE (LARGE METAL HOUSING & HID CORP READER 125KHz only)	AXM-POESL5-0020
PoE 5 color Mini Stack Light with HID card reader BLACK ABS Enclosure (13.5MHz & 125KHz)	AXM-POESL5-0025
PoE Multi Color Module with built-in RFID Badge Scanner CLEAR ABS Enclosure (13.5MHz & 125KHz)	AXM-POESL5-0030
PoE Multi Color Module with built-in RFID Badge Scanner and OPTO/RELAY Board (2in/2out) CLEAR Enclosure (13.5MHz & 125KHz)	AXM-POESL5-0031
PoE Multi Color Module with built-in RFID Badge Scanner and HIGH VOLTAGE OPTO/RELAY Board (2in/2out) CLEAR Enclosure (13.5MHz & 125KHz) <i>Semi Custom</i>	AXM-POESL5-0032 <i>NOT SHOWN HERE</i>



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Device management and development tools

Configure and manage the connectivity of multiple units using the AxMC network device manager. Remotely manage and troubleshoot via Chrome web browser on desktop or mobile device.



Remote Web Bowser Interface

- Remotely manage and troubleshoot in a web browser, on desktop or mobile environments

