

**PANDUIT**<sup>®</sup>

infrastructure for a connected world

smartzone™ G5

# Intelligent PDUs

Best in Class Outlet Density

Optimal Form Factors

Superior Reliability



B2

20 ON  
OFF

# SmartZone™ G5 iPDU Value Proposition



## Quality & Reliability

- 3-Year standard and 5-Year extended warranty



## High Temp

- Built with premium components to withstand 140°F (60°C) at full load



## High Power Density

- Unique outlets design for high outlet density



## Hot-Swappable and Upgradable

- Hot-Swappable Controller with large OLED display



## Hardened Security

- Enhanced security with certificate-based advanced asymmetric encryption, validated and hardened with multiple security scanning tools



## 1G Redundant Network Access

- Reduces deployment time and labor as PDU auto negotiates to 1GB network switches



## Real-Time Monitor

- Real-time Monitoring of Power Environmental and Cabinet Security



## Environmental Plug & Play Accessories

- Variety of Environmental and Cabinet Access Control Accessories



## Multi-Device WebGUI

- Enhanced User-Experience with a self adjusting WebGUI that senses the device you are on



## Multi-Color

- A variety of colored PDU chassis, power cords and cable ties

## SmartZone™ G5 iPDU Families

### Monitored Input (MI) Series

Input power monitoring.

### Monitored Switched (MS) Series

Input power monitoring and outlet switching.

### Monitored per Outlet (MPO) Series

Input and Outlet level power monitoring.

### Monitored and Switched per Outlet (MSPO) Series

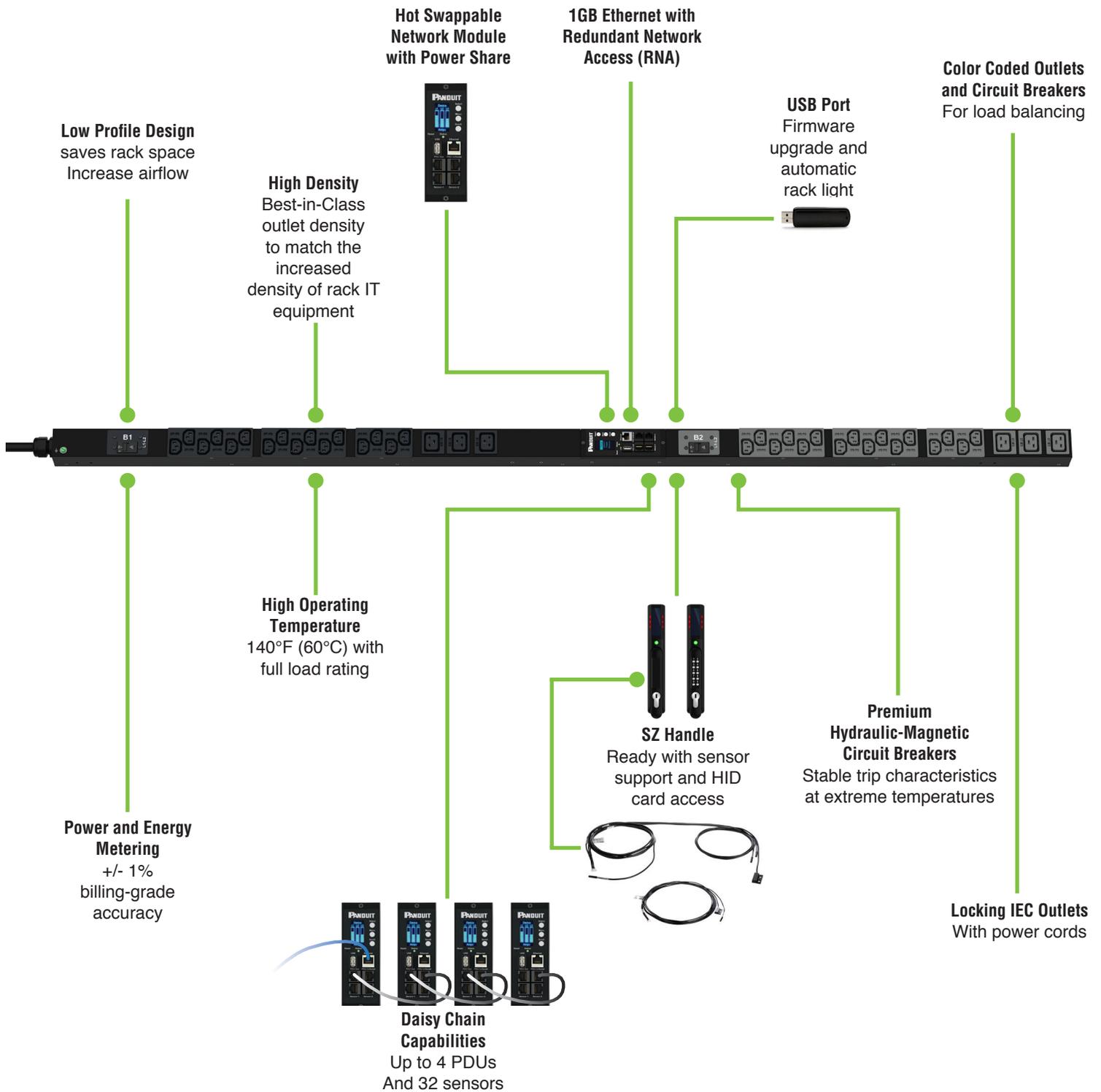
Input and Outlet level power monitoring and outlet switching.

### Accessories

A variety of Environmental Sensors; Security Devices; and Power Cords.

**Note:** All intelligent PDUs Include capabilities for environmental monitoring and rack access control.

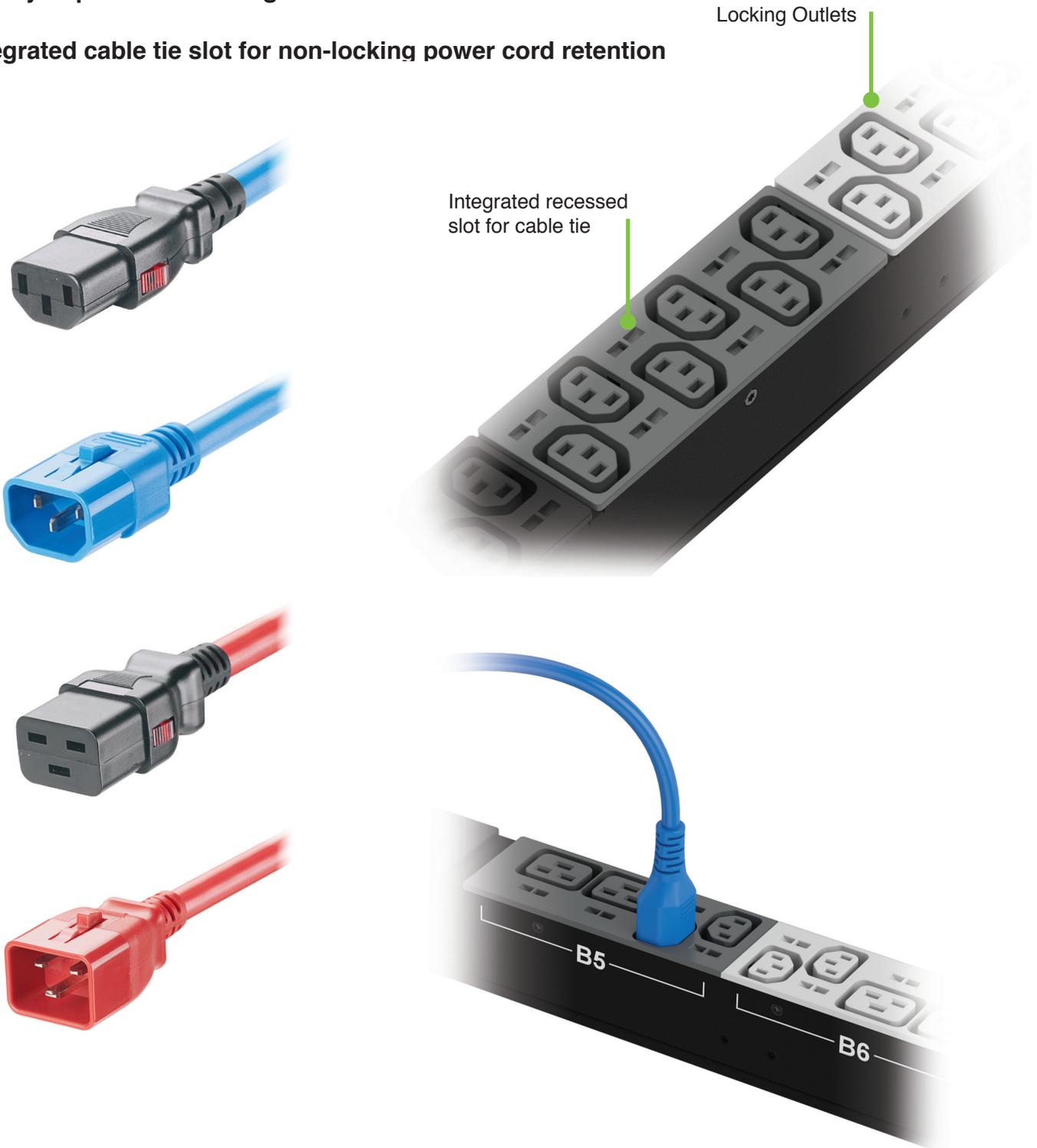
# iPDU Key Features



Product Features	Monitored Input (MI)	Monitored Switched (MS)	Monitored per Outlet (MPO)	Monitored & Switched per Outlet (MSPO)
<b>Design Features</b> <ul style="list-style-type: none"> <li>• Low profile, space saving design</li> <li>• Ultra low profile circuit breakers on most models</li> <li>• Adjustable tool-less mounting system</li> <li>• Color-coded receptacles</li> <li>• Locking IEC receptacles and locking power cord compatible</li> <li>• Symmetric vertical PDU Chassis to accommodate top or bottom power feed</li> </ul>	•	•	•	•
<b>PDU Energy Metering and Monitoring</b> <ul style="list-style-type: none"> <li>• PDU level watt-hour energy metering (kWh)</li> <li>• PDU level power measurements (W)</li> <li>• Input Phase level power measurements (V, A, VA, kWh, pf)</li> <li>• Circuit breaker level current measurements</li> <li>• High-accuracy, billing-grade metering capabilities</li> <li>• Embedded memory log to record/view/report historical data</li> <li>• User customizable alarm thresholds &amp; notifications</li> </ul>	•	•	•	•
<b>Environmental Management</b> <ul style="list-style-type: none"> <li>• Optional Plug &amp; Play environmental sensors including temperature, humidity, dry contact and water leak</li> <li>• User customizable alarm thresholds and notifications</li> </ul>	•	•	•	•
<b>SmartZone™ Security Handle</b> <ul style="list-style-type: none"> <li>• Beacon LED to locate cabinets and provide automated visual indication for critical and warning alarms</li> <li>• Status LED provides visual indication of the handle and security status</li> <li>• Up to 200 Users for cabinet access</li> <li>• Multi-Frequency HID 125KHz/13.5MHz, Mifare &amp; iClass</li> <li>• Dual Authentication (Keypad Version)</li> <li>• Field Replaceable Tumblers and Key (5 Options)</li> </ul>	•	•	•	•
<b>Network Management and Local Display Interface</b> <ul style="list-style-type: none"> <li>• Largest-in-class, high-visibility, OLED display</li> <li>• Full featured network management and alerting capabilities supporting HTTP, HTTPS, SSH, Telnet, SNMP, FTP and email</li> <li>• Strong encryption, passwords, and advanced authorization options including local permissions, LDAP, RADIUS, and Active Directory</li> <li>• Daisy Chain up to 4 Rack PDUs and 32 environmental sensors through a single IP address</li> </ul>	•	•	•	•
<b>Circuit Breaker Status Monitoring</b> <ul style="list-style-type: none"> <li>• Active monitoring and alarming of circuit breaker on/off status</li> </ul>	•	•	•	•
<b>Outlet Level Switching</b> <ul style="list-style-type: none"> <li>• Remote On/Off power control by individual outlet</li> <li>• User-defined power-on time delay to sequence IT equipment</li> <li>• Automatic sequencing to avoid inrush current overload</li> <li>• Outlet level user security with assignable roles and user access</li> </ul>		•		•
<b>Outlet Level Energy Metering</b> <ul style="list-style-type: none"> <li>• Outlet level watt-hour energy metering (kWh)</li> <li>• Outlet level power measurements (V,A,VA, W, pf)</li> <li>• Outlet level information for Green Grid Level 3 PUE Calculations</li> </ul>			•	•

# Locking Outlets and Cables

- Locking outlets compatible to dual locking power cords
- Dual locking power cords provide locking at both end (PDU and equipment)
- Variety of power cords lengths and colors available
- Integrated cable tie slot for non-locking power cord retention



## G5 Intelligent Network Controller (iNC) (Hot Swappable)



iPDU

## Web GUI



Login



Dashboard

## Multi-Device Access



Desktop

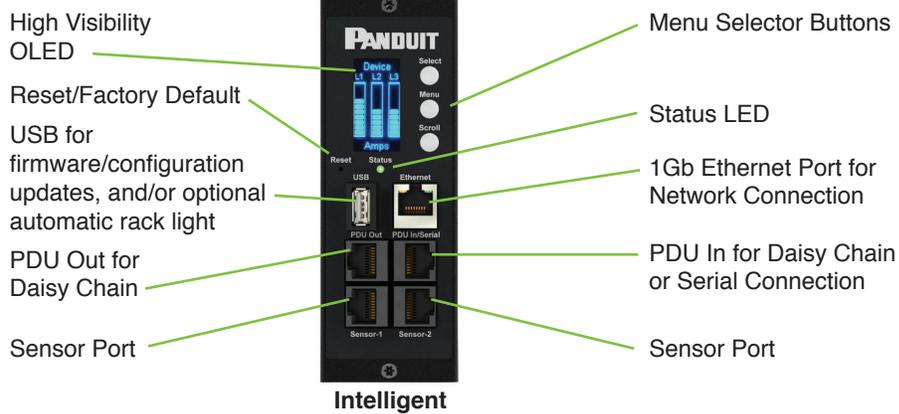


Tablet



Smartphone

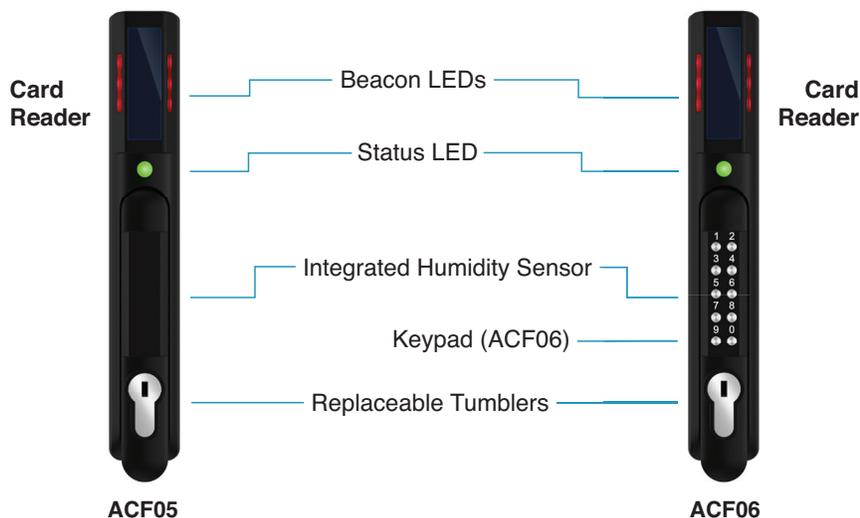
## iPDU



## SmartZone™ Security Handle

### Features

- Up to 200 users
- Multifrequency card access
- HID 125KHz/13.5MHz, Mifare and iClass
- Field replaceable tumbler and keys (five options)
- Dual authentication (keypad version)



# Accessories – SmartZone™ Security Handle

Specially designed accessories to connect directly to the SmartZone™ Security Handle. The SmartZone™ Security Handle features an integrated humidity sensor.

## Environmental and Security

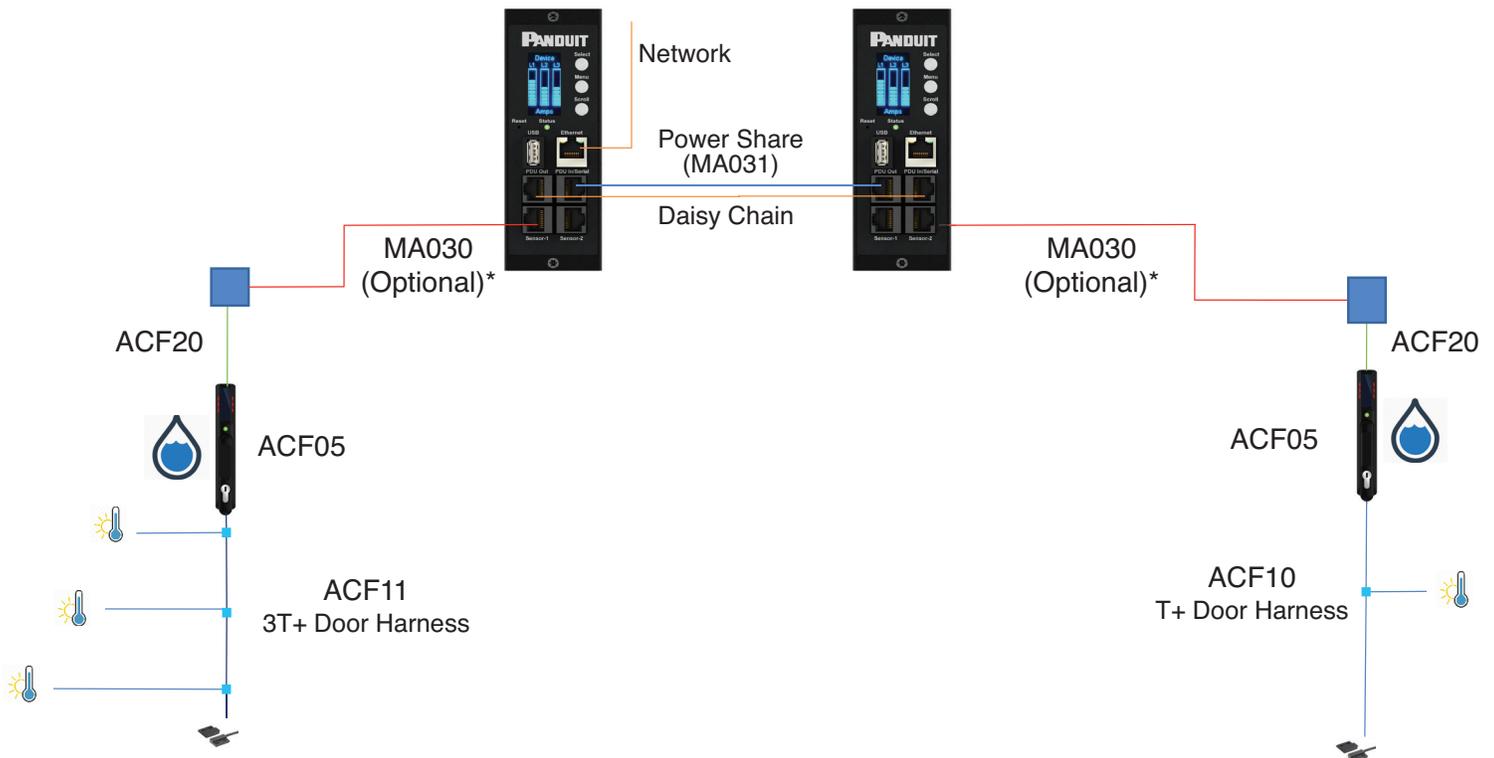
- Temperature + Door Contact (ACF10)



- (3) Temperature + Door Contact (ACF11)



- Harness to connect SmartZone™ Security Handle to Panduit G5 iPDU (ACF20)



\*The MA030 features a coupler to optimize door removal and is 10 ft. (3m) in length.

# Accessories – Environmental, Security and Power Cords

Security and Environmental Accessories that connect directly to the G5 iPDU, when NOT using SmartZone™ Security Handle

## Environmental

- Temperature (EA001)
- Temp + Humidity (EB001)
- 3Temp + Humidity (EC001)



- Rope Leak (ED001)
- Spot Leak (EE001)



- 3 Sensor Input Hub (EF001)



- Dry Contact Input (ACC01)



## Security

- Door Contact Switch (ACA01)



- Auto Light Bar (ACD01)



## Power Cords

- Dual Locking Power Cords

