



RESOURCES
Creating Future Together

SMART STORAGE CATALOGUE



BRAND NEW UPGRADE

SENSOR UPGRADE COMPATIBLE WITH QR CODE RACK

Based on the product design concept of extreme compactness, ultra-high capacity and interactive experience, the new generation of smart reel racks has realized the upgrade style from QR code to sensor, and is fully compatible with upgrades.

IMMERSIVE STORAGE SPACE

ERGONOMIC EXPERIENCE

Immersive storage locations and three-sided illuminated guidance indicators provide more accurate operation guidance and storage prompts



SENSOR RACK

DERIVED FROM INDUSTRIAL MEASUREMENT GRATING

PVR-M industrial measuring grating can measure material size in real time and at high speed with an accuracy of 5mm, and is widely used in the logistics field.

ACCURATE DETECTION

Through-beam infrared photoelectric detection technology, with optimized tolerance debugging, is stable and reliable, and is effectively compatible with transparent reels.

High-speed online real-time refresh drive mechanism, combined with deep filtering algorithm, accurately captures every action and filters out misoperations.



FLEXIBLE COMPONENTS

The detection accuracy based on 20mm spacing can effectively support various thickness reels through dynamic combination.

The fully enclosed integrated componentized transmitting unit, receiving unit, and indicating unit are safe, reliable, flexible and convenient.

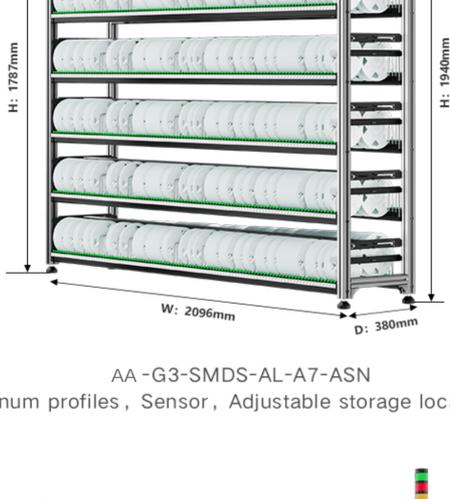


ESD PROTECTION

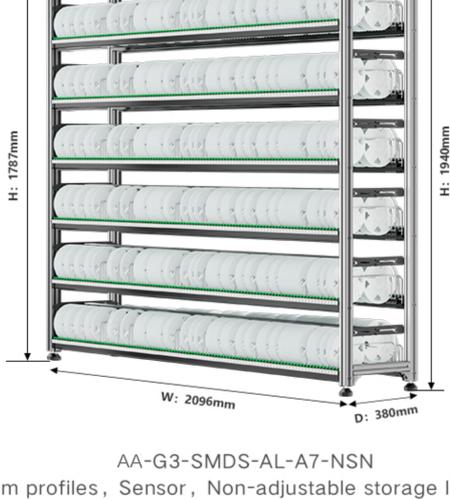
SYSTEM-LEVEL ANTI-STATIC CAPABILITY WITH ESD CERTIFICATION



SIZED DESCRIPTION



AA-G3-SMDS-AL-A7-ASN
Aluminum profiles, Sensor, Adjustable storage locations



AA-G3-SMDS-AL-A7-NSN
Aluminum profiles, Sensor, Non-adjustable storage locations



AA-G3-SMDS-AL-BS5-ASN
Aluminum profiles, Sensor, Adjustable storage locations



AA-G3-SMDS-AL-BS5-NSN
Aluminum profiles, Sensor, Non-adjustable storage locations

ELECTRICAL PARAMETERS

Product model	AA-G3-SMDS-AL-A7-ASN (Tower light type)
Supply voltage	DC24V
Working current	100 indicator light bars $\leq 500\text{mA}$ @DC24V six colors maximum total current $\leq 8200\text{mA}$ @DC24V
Communication bus IB	38.4K baud rate, maximum transmission distance of 200 meters
Electrical protection	Overcurrent, overvoltage protection, reverse connection protection
Maximum indicated storage location	100pcs
Response time	< 30ms
Working environment	Temperature: -20°C to $+50^{\circ}\text{C}$ (-4F to $+122^{\circ}\text{F}$) Humidity: 90% at 55°C (no condensation)

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Response time	< 30ms
Working environment	Temperature: -20°C to $+50^{\circ}\text{C}$ (-4F to $+122^{\circ}\text{F}$) Humidity: 90% at 55°C (no condensation)

Product model	AA-G3-SMDS-AL-BS5-ASN (Tower light type)
Supply voltage	DC24V
Working current	50 indicator light bars $\leq 500\text{mA}$ @DC24V six colors maximum total current $\leq 2600\text{mA}$ @DC24V
Communication bus IB	38.4K baud rate, maximum transmission distance of 200 meters
Electrical protection	Overcurrent, overvoltage protection, reverse connection protection
Maximum indicated storage	50pcs