NetBotz security and environmental monitoring

Protection from physical threats in data centers and distributed environments

A scalable suite of intelligent appliances with environmental sensors, access controls, and cameras for data centers and distributed environments.

- Room or rack level monitoring for temperature, humidity, smoke, fluid leak, etc.
- Third party sensor monitoring for chillers, generators, window breaks, chemical processes, etc.
- Video surveillance clips at the room, row, or rack level working in conjunction with door and rack access alerts
- Compatibility with select IP cameras from Pelco™ by Schneider Electric™

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unigraphic

APC™
by Schneider Electric

Features and benefits

NetBotz™ protection brings a crucial layer of physical security to any IT environment by constantly monitoring and protecting IT assets from environmental threats and human error. Being immediately aware of air conditioning failures, excessive heat, leaking pipes, smoke, condensation, and other hazards gives users time to respond to problems before they become catastrophic. When human error is a factor, recorded color video clips show exactly what happened.

The NetBotz equipment also gives you streamlined installation of pods through toolless mounting in racks, CAT5 sensor cabling, central management of appliances through StruxureWare™ Central, and event correlation with video surveillance.

NetBotz security and monitoring

Availability
Prevent equipment failure from a full range of threatening environmental conditions

Detect and prevent access to equipment from unauthorized personnel

Real-time event notification minimizes response times to critical physical infrastructure situations. Enables IT Administrators to reduce mean time to repair, improve efficiency, and maximize uptime

Detect and record motion, allowing a visual record to be paired with an access or environmental alert, which speeds root cause analysis

Video storage prompted by motion or alert

Grant authorized people access to equipment through proximity card authentication

Agility
Customize threshold definitions (multiple thresholds per sensor, scheduling, severity levels) to individual requirements

Alerts are managed according to user specific escalation policies and received in multiple formats

Add sensors to compatible NetBotz Appliances for monitoring temperature, humidity, fluid, vibration, dust particles, etc.

View the user interface with a browser or from a mobile device. Provides quick access from anywhere on a secure network

Video storage prompted by motion or alert

Protection
User-selectable password protection prevents unauthorized access

Share access without risking unauthorized configuration changes with read-only options

Manageability
Robust appliance interface provides historic alerts, graphs, and configuration

Easily review and correlate alerts. Provide context to alerts by attaching video clips, graphs, and maps

Integrates seamlessly with StruxureWare Central

Security and environmental monitoring options

NetBotz 200 family

Rack-mount monitoring for
up to 78 external sensors

• Massive scalability

• Commonly installed in medium
  and large data centers

Netbotz 500 family

Rack-mount monitoring for up to
78 external sensors and 4 cameras

• Massive scalability

• Commonly installed in medium
  and large data centers

NetBotz 300 family

Wall-mount monitoring
for up to 4 external
sensors and 1 camera

• Limited scalability

• Commonly installed in
  network closets and
  server rooms

Netbotz Rack Access Control

Proximity card rack access control system

• A-link pods or network appliances enabling remote
  and local access control for your NetShelter™ SX
  enclosures or third party racks

Netbotz 400 family

Wall-mount and rack-
mount monitoring for up
to 18 external sensors and
2 cameras

• Moderate scalability

• Commonly installed in
  server rooms and small
  data centers

NBPD0180

*"Our NetBotz monitoring gives us the peace
of mind of having a complete monitoring
picture and understanding of our data
center environment."*

- Dennis W. Grow
Manager MIS Technical Service
Anchor Glass Container Corp

Product compatibility chart

Description	Part #	Rack Monitor 200 NBRK0201	Room Monitor 355 NBWL0355	Room Monitor 355 NBWL0356	Room Monitor 455 NBWL0455	Room Monitor 455 NBWL0456	Rack Monitor 450 NBRK0451	Rack Monitor 570 NBRK0570
Sensors								
NetBotz Room sensor pod 155	NBPD0155				•	•	•	•
NetBotz Rack sensor pod 150	NBPD0150	•			•	•	•	•
NetBotz 4-20mA sensor pod	NBPD0129				•	•	•	•
Temperature sensor	AP9335T	•	•	•	•	•	•	•
Temperature and humidity sensor	AP9335TH	•	•	•	•	•	•	•
Temperature sensor with display	AP9520T	•			•	•	•	•
Temperature and humidity sensor with display	AP9520TH	•			•	•	•	•
Door switch sensor for rooms or 3rd party racks - 50 ft.	NBES0302	•	•	•	•	•	•	•
Door switch sensor for APC™ SX rack (or enclosure)	NBES0303	•	•	•	•	•	•	•
Dry contact cable - 15 ft	NBES0304	•	•	•	•	•	•	•
0-5V cable - 15 ft	NBES0305		•	•	•	•	•	•
Spot fluid sensor - 15 ft	NBES0301		•	•	•	•	•	•
Leak rope sensor - 20 ft	NBES0308						•	•
Leak rope extension - 20 ft	NBES0309						•[1]	•[1]
Smoke sensor - 10 ft.	NBES0307		•	•	•	•	•	•
Alarm beacon	AP9324	•					•	•
Vibration sensor - 12 ft	NBES0306		•	•	•	•	•	•
Particle sensor PS100	NBES0201				•[2]	•[2]	•[2]	•[2]
Wireless sensor pod 180	NBPD0180				•	•	•	•
Camera								
NetBotz camera pod 160	NBPD0160				•	•	•	•
APC NetBotz CCTV adapter pod 120 with USB cable 16 ft/5 m	NBPD0123				•	•	•	•
Pelco IP camera: fixed location	IP3701H-2				•	•	•	•
Pelco IP camera: camclosure fixed location	IP110-CHV9				•	•	•	•
Pelco IP camera: camclosure pan tilt zoom	SD4N-W0				•	•	•	•
Pelco IP cameras: Sarix family	see pelco.com		•	•	•	•		
Power supplies								
Power supply univ 24VDC output	AP9505I	•					•	•
APC PoE injector	NBAC0303		•	•[3]	•	•[3]		
Hardware add-ons								
Surface mounting brackets for NetBotz room monitor appliance or camera pod	NBAC0301	•[4]	•[4]		•[4]	•[4]		
Rack mounting bracket for NetBotz camera pod 160	NBAC0302				•[5]	•[5]	•[5]	•[5]
APC NetBotz HID proximity cards - 10 pack	AP9370-10							
Cables								
NetBotz USB latching repeater cable, LSZH - 5 m	NBAC0213L				•[5]	•[5]	•[5]	•[5]
NetBotz USB Latching repeater cable, Plenum - 5 m	NBAC0213P				•[5]	•[5]	•[5]	•[5]
NetBotz USB latching cable, LSZH - 5 m	NBAC0214L				•[5]	•[5]	•[5]	•[5]
NetBotz USB latching cable, Plenum - 5 m	NBAC0214P				•[5]	•[5]	•[5]	•[5]

1. SKU may only be used with NBES0308 NetBotz Leak Rope Sensor. **2.** SKU may only be used with NBPD0122 NetBotz Sensor Pod 120. **3.** PoE injector is included with this SKU. **4.** Included with Room Monitor Appliances and NBPD0160 NetBotz Camera Pod. **5.** Option can be used with Camera Pod 160.