

NetBotz™

455 & 456



Active Monitoring Solution:
Performance security and environmental monitoring for network closets to data centers.

Wall-mount monitoring for up to 18 external sensors, 2 cameras and rack access control for up to 26 doors

NetBotz is an active monitoring solution designed to protect against physical threats, environmental or human, that can cause disruption or downtime to IT infrastructure. This scalable suite of networked appliances, sensors, access controls, and cameras is designed to safeguard environments ranging in size from network closets to data centers. The modular design allows for common sensors among the NetBotz appliances. Optional user-defined alerts can be sent in a variety of formats that are easily integrated into event escalation policies. For management of multiple NetBotz appliances, use StruxureWare Data Center Expert. Data Center Expert with Surveillance collects, organizes, and distributes critical alerts while enabling a single view of multiple cameras, rapid search and retrieval of video, and ‘tagging’ of important video clips.



Features

The NetBotz 455 offers high performance security and environmental monitoring over the network. The NetBotz 455 is capable of video surveillance and monitoring to record human activity. It provides temperature, humidity, door contact, dry contact, 0-5V, spot leak, vibration, smoke, 2 way audio, alarm beacon monitoring, and access control for NetShelter SX rack doors using the Rack Access Pod 170. The NetBotz 455’s additional features include integration with Data Center Expert, Power over Ethernet, and user-defined alerts making the NetBotz 455 the perfect unit to protect your IT assets from security and environmental threats. The NetBotz 455 can be used in network closets to enterprise data Centers, but it is commonly installed in server rooms and small data centers.

Optional Expansion Pods



Wireless Sensor Pod 180



Camera Pod 160



Rack Access Pod 170



Wired Sensor Pod 150

> Environmental monitoring expands from 4 Schneider Electric universal sensor ports on the appliance to up to 18 through pod-based expansion.

> Compatible with full-motion video cameras with camera pods, select Pelco IP cameras, and CCTV cameras

> Integrated rack access control for NetShelter SX racks with the NetBotz Rack Access Pod 170

Specifications

NetBotz 455

Product SKUs	
NetBotz Room Monitor 455 (w/o PoE Injector)	NBWL0455
NetBotz Room Monitor 455 (with 120/240V PoE Injector)	NBWL0456
Technical Specifications	
Includes	Installation Guide, Documentation CD, Wall Mounting Bracket, USB Cable, PoE Injector (NBWL0456 only)
Housing	Wall-mount, 210 mm H x 170 mm W x 95 mm D
Indicators	Alert, Power, Camera, Network Link, Temperature Display
Integrated Camera	Images up to 1280x1024 resolution, 24-bit color, and up to 30 frames per second (fps)
External Cameras Supported	NetBotz Camera Pod 160, Pelco IP Camera Families: Sarix, Spectra IV IP, Spectra Mini IP, IP110 Camclosure, IP3701, and CCTV Cameras integrated through the NetBotz CCTV Adapter Pod
Integrated Sensors	Temp, Airflow, Humidity, Dew Point (calculated), Camera Motion Sensor
APC Universal Sensors Supported	Temp, Temp / Humidity, Door Contact, Smoke, Spot Leak, Vibration, Dry Contact, 0-5V
Sensors and Pods Supported	Room Sensor Pod 155(NBPD0155), Rack Sensor Pod 150 (NBPD0150), Wireless Sensor Pod 180 (NBPD0180) Rack Access Pod 170 (NBPD0170)
Regulatory Approvals	CE; FCC 47 CFR Part 15 Class A, ICES-003 Class A, AS/NZS CISPR 22, VCCI Class A, Low Voltage Directive 2006/95/EC, EMC Directive 204/108/EC NBWL0456 Only: UL, c-UL, GS-ul, IRAM, NOM, GOST, PSE;
Connectors	Ethernet: (1) 10/100 Base-T Ethernet Port (PoE capable), (4) APC Universal Sensor Ports, (1) USB Configuration Port – Style B, (1) USB Port – Style A, (1) Microphone Jack, (1) Speaker Jack, (1) A-Link Port.
Protocols	TCP/IP, HTTP, HTTPS, SMTP, SNMP v1, v2c, and v3, DHCP, DNS, Socks v4 or V5 Proxy Server, A-Link
Management Interface	Internet Explorer® v 5.5 or later; Mozilla® 1.3 or later; Firefox® 2.0 or later; NetBotz Advanced View Software; StruxureWare Data Center Expert
Client System Requirements	Microsoft Windows 7 Pro and Ultimate; Vista Business and Enterprise; XP SP2-3; Red Hat EL4 and EL5 Use of Advanced View interface requires a one-time download of the Sun™ Java Runtime Environment™.
Operating Environment	Temperature: 0 - 45°C (32 – 113°F); Relative Humidity: 10-95% (non-condensing); For indoor use only, not designed for use in corrosive or caustic environments.
Standard Hardware Warranty	Two Years
Extended Warranty and Software Options	
WNBWN001	Base - 2 Year Software Support Contract (NBWL0355/NBWL0455)
WNBWN003	Extension - 1 Year Software Support Contract & 1 Year Hardware Warranty (NBWL0355/NBWL0455)
NBWN0005	NetBotz Advanced Software Pack #1
NBWN0006	NetBotz Device Monitoring (Five Nodes) Pack
Installation Services	
WCONFIG1NB-NB-10	NetBotz Configuration Service in ISX Designer – 1 Day
WCONFIG2NB-NB-10	NetBotz Configuration Service in ISX Designer – 2 Day

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