NETBOTZ®
DATA SHEET

310/400 SERIES APPLIANCES

Continuous business availability is your first priority. So monitoring and protecting your critical assets and spaces from anything that can threaten that availability is a key concern. This includes all kinds of physical factors — human error, intrusion, extreme heat, low humidity, water leakage— that could jeopardize the processes, operations, and transactions that form the backbone of your business. You know you need early warning about potential problems. You need quicker recovery when things do go wrong. And you need monitoring systems that ensure business continuity. You need NETBOTZ INTELLIGENT PHYSICAL THREAT MONITORING, protecting your business and the systems that power it 24/7. NetBotz is your first line of defense against the elements that can bring your business to its knees.

NETBOTZ 310/400 SERIES ENVIRONMENT-MONITORING SENTRIES:

○ *Are completely self-contained and web accessible*

○ *Have integrated temperature, humidity, air flow sensors that monitor the environment*

○ *Include integrated audio sensors that detect audio alerts from devices such as smoke alarms, intrusion detection devices, and more*

○ *Features a door switch sensor that notifies when the room or server cabinet is accessed*

○ *Send alerts using e-mail and SNMP traps when any monitored condition goes outside of a user-specified range*

○ *Post alerts and sensor data to web servers using built-in HTTP post support, as well as forwarded to other systems using FTP data delivery*

○ *Run NetBotz add-on software applications*

WALLBOTZ®: The compact profile of the wall-mounted appliances is ideal for installation in server rooms, LAN closets, or storage areas.

RACKBOTZ®: The self-contained, rack-mounted appliance occupies only 1-U of rack mount or cabinet space, making it easy to integrate into existing cabinets.

○ *Contain a built-in camera that enables you to easily view the condition of equipment via web-based interface, and also automatically captures images of the room whenever a door to the room is opened, or optionally when motion is detected*

○ *Are SNMP compliant. NetBotz appliances are manageable objects that can be used with your existing SNMP-based network management system*

○ *Are swivel mounted. All WallBotz appliances include a sturdy swivel bracket that enables 360° positioning*

○ *Have an articulating camera lens that can be moved 15° in any direction*

Web-Based Interface Puts Your Equipment At Your Fingertips

With NetBotz appliances, all you need to monitor your computer or network equipment and the surrounding environment is an electrical outlet and either a standard Ethernet LAN connection or a supported external modem connected to a phone line. Configuring the NetBotz appliance is easy. Just connect your appliances to your network, assign IP addresses for the appliances, and then set thresholds for the environment conditions you want to monitor (such as temperature, humidity, air flow, or an external sensor) that, when exceeded, will automatically generate an e-mail or SNMP trap alert. Color camera images are continuously captured and updated in the NetBotz Advanced View, and captured images are included in alert notifications as well. These features ensure that your NetBotz appliances can be monitored and managed from across the room or around the world.

The NetBotz Advanced View

Select the appliance that you wish to view.

Add-on applications monitor the status of network services and equipment.

Sensor readings and camera image are automatically updated at user-defined intervals.

Create a Physical Security Network with NetBotz Central

Use NetBotz Central to expand the power of your NetBotz sentries. A key component of the NetBotz Intelligent Monitoring Solution, NetBotz Central gives you a 24/7 view into the status of your environment — whether on the production floor, in a remote server room, in a medical supplies storage area, or anywhere there are assets to protect. By providing a centralized way to mass configure, deploy and view data collected by NetBotz monitoring appliances, NetBotz Central creates a physical security network that spans the organization across offices, regions, borders and boundaries.

WallBotz / RackBotz 400C

The WallBotz 400C and RackBotz 400C have:

- Seven external sensor ports
- One Sensor Bus port. The Sensor Bus is a high-speed digital port for connecting the NetBotz Last Call paging module to your appliance
- Software licenses for Camera Motion Sensor, Camera Enhancements, and Device Crawlers

WallBotz / RackBotz 310C

These NetBotz appliances include all of the standard NetBotz appliance features, and include three external sensor ports.

Add-On Software for NetBotz Appliances

- **Advanced Device Crawlers** uses patent-pending NetBotz technology that makes it easy for IT professionals to monitor the internal physical "vital signs" of servers, switches, routers, UPS, and other network equipment located at remote sites.
- **Device Crawlers** provides MIB-II based status information on up to 48 individual SNMP devices within the monitored cabinet or room. Please note that Device Crawlers functionality is included with Advanced Device Crawlers.
- **Branch Checker** software enables you to monitor round-trip connectivity and service (DNS, mail, web) availability from a branch to a central site.
- **Camera Motion Sensor** package enables you to use the built-in camera as a motion detector.
- **Camera Enhancements** software improves picture capture rate of appliance to up to 5 per second and allows up to 60 pictures to be saved with alert (up to 80 on 400 series).

Note: All 400 Series appliances come with software licenses for Camera Motion Sensor, Camera Enhancements, and Device Crawlers. Advanced Device Crawlers and Branch Checker are available for purchase separately.

External Sensor Port Support

External sensor ports enable you to extend and enhance the functionality of your NetBotz appliance. You can use the external sensor ports to add NetBotz sensors such as NetBotz Amp Detector amperage monitoring devices, External Temperature Sensors, External Humidity Sensors, and External Fluid Detector (available separately). Also, with the NetBotz Dry Contact Cable you can connect a variety of third party sensors for detecting condensation, glass break, vibration and more.

NetBotz Sentry Benefits

- Provides 24-Hour Remote Access From Anyplace, Anytime
- Checks Equipment Status and Network Connection
- Provides Advance Warning of Equipment Failure
- Monitors Physical and Environmental Conditions of LAN Closet, Server Room, Cabinets, and remote distributed locations
- Has a Low Roll-out Cost
- Reduces Downtime and Associated Costs

[Specifications]

Temperature: Range: 2º to 50º C (35º F to 120º F), **Accuracy:** +/- 1º C (+/-1.8º F) at typical operating temperatures.

Relative Humidity: Range: 10% to 90%, **Accuracy:** +/-10% RH.

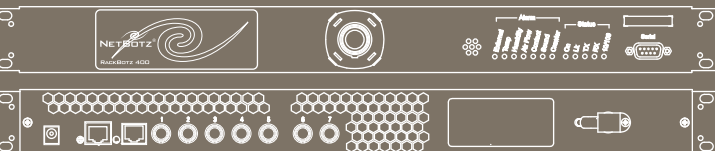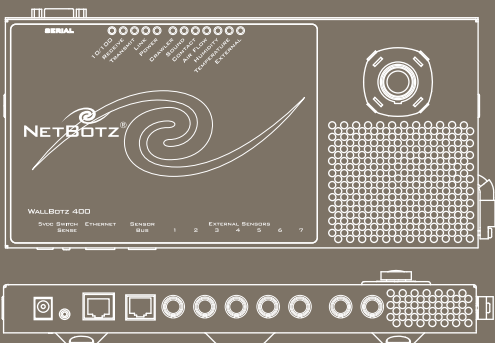**Air Flow Rate:** 0-400 Feet Per Minute, 40 fpm increments.

Audio: Built-in acoustic sensor detects audio above specified level.

Contact Sensing: Alarm On: contacts open or closed (Magnetic door sensor supplied).

Camera: All models feature a color camera with an 87º lens, resolution no less than 350 x 280 pixels. Saved images are time/date stamped. Lens 15º adjustable any direction on all models.

Housing: WallBotz 310C/400C: Wall mount, 27cmW x 13.5cmH x 2.5cmD, 20 gauge metal.

RackBotz 310C/400C: 19" rack mount, 1-U, 20 gauge metal.

Connectors: Ethernet: RJ-45 to Cat 5 network wiring; **Serial:** DB-9 receptacle; **Power:** 5mm barrel jack for 5 vdc power.

External Device Connectors:
Contact sense: 2.5 mm audio-style jack (all models).

External Sensor Ports: 7 on RackBotz/WallBotz 400; 3 on RackBotz/WallBotz 310.

SensorBus Digital Port: 1 on RackBotz/WallBotz 400.

Data Speed: Ethernet 10/100 Mbps (10/100 BaseT).

Protocols: TCP/IP, HTTP, SMTP, SNMP, POP, DHCP, DNS, Socks V4 or V5 Proxy server.

Web Interface: Supports Internet Explorer version 5.5 or later, or Netscape Navigator version 4.76 or 6.0 on these OS's: Microsoft Windows 98 Second Edition, Microsoft Windows ME, Microsoft Windows 2000, Microsoft Windows NT 4.0 or later, Windows XP; Red Hat Linux 7; or Sun Solaris 8. Use of the Advanced View interface requires a one-time download of the Java Runtime Environment (JRE) Plug-in from Sun Microsystems. Display Resolution 1024 x 768 minimum.

Indicators: Power On, temperature out-of-limit, humidity out-of-limit, airflow out-of-limit, sound detected, contact closure detected, equipment condition detected, and Ethernet activity.

Power Supply: Wall receptacle type +5 volts DC, 1A regulated, 10 foot cord (+/-48v available)

Limited one year warranty

[About NetBotz

Austin, Texas-based NetBotz, Inc. is the leading global provider of IP-based intelligent physical security solutions. Thousands of organizations use the NetBotz solution, which prevents business and financial losses attributed to network downtime by providing early warning of conditions that threaten the integrity of a company's data, technical and equipment assets. NetBotz markets its solution through a network of distributors, solution partners and accredited resellers. NetBotz has received the Best in Show Award in the Network Management Category at NetWorld+Interop and is a recipient of KPMG's Start-up Standout Award.

NETBOTZ®

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