

## 500 SERIES ADD-ON HARDWARE

Physical threats, from environmental elements to security breaches, can destroy your critical assets ... your sophisticated network infrastructure ... your business critical technical equipment ... your expensive HVAC system. Not to mention the damage these threats can do to your critical spaces, such as storage rooms, server rooms and “off limits” areas. It seems almost impossible to protect your organization against all the dangers to your business continuity, especially when you’re short-staffed. But it isn’t. With NetBotz you get extra protection against the elements. A full line of NetBotz hardware add-ons give an enhanced level of security. So that no matter what ill wind threatens to blow, you’re protected.

Your WallBotz 500 is designed to be flexible and expandable. Connect up to 17 **NetBotz Sensor Pod 120s** to each base station for unparalleled environmental monitoring capabilities. Connect up to 4 **Camera Pod 120s** for an all-in-one surveillance solution, or add up to 4 **CCTV Adapter Pod 120s** and integrate your own CCTV video sources into a NetBotz digital surveillance network. You can also enhance the alert and data storage capabilities of your WallBotz 500 using the **WallBotz 500 Extended Storage System**.

BotzWare 2.1.2’s Output Control functionality, when used in conjunction with **NetBotz Output Relay Pod 120s**, enables you to control up to 64 relay-based devices. And with **NetBotz Power Control Pods** you can control the power supplied to your devices. Output and power control actions can be executed manually through the Advanced View and Basic View interfaces, or can be configured as automatic alert actions in response to threshold events.

NetBotz offers a number of valuable **External Sensors** that expand the base monitoring capabilities of NetBotz appliances. **External Temperature** and **Humidity Sensors** provide the flexibility to monitor the temperature and humidity of additional areas within a room or rack. **Particle Sensors** alert you to the presence of dust or other airborne particulates. **Fluid Detectors** let you monitor a location for the presence of water and other fluid. **THS-100 Wireless Temperature & Humidity Sensors**, when used in conjunction with a **NetBotz Wireless Receiver 120**, can be used to monitor the humidity, temperature, and dew point in locations to which standard wired sensors cannot be deployed. **Amp Detectors** enable you to determine how much current is being drawn on circuits. **Dry Contact Sensor Device** support enables you to use a variety of environmental sensors, including those that detect and report on condensation, vibration, glass breakage, UPS and HVAC conditions and more.

NetBotz also offers an array of deployment enablement solutions, designed to simplify the installation of your WallBotz 500 base stations, pods, and sensors. **USB Extension Cables** make it easy to extend the reach of your pods while ensuring signal integrity. **CAT 5 Pod Extenders** enable you to deploy your pods up to 100 meters from your WallBotz 500 base stations, while **Fiber 500M Pod Extenders** extend this deployment range to a full 500 meters. The **Camera Pod Enclosure** enables you to deploy cameras in a variety of environments, including outdoors. The **48VDC Power Supply** permits WallBotz 500 deployment in locations that have only 48VDC power available, such as telephone communications towers. And the **NetBotz Pod Mounting Kit** makes it easy to mount your pods in server racks or TELCO cabinets.



## ADDITIONAL PODS

Each WallBotz 500 can support up to 4 camera pods (**Camera Pod 120s** or **CCTV Adapter Pod 120s**) and up to 17 **Sensor Pod 120s**. One Camera Pod 120 and one Sensor Pod 120 can be docked to the base station, while additional pods can be connected directly to one of the base station's 4 USB ports or to USB extender cables, or powered or unpowered USB hubs that are connected to the base station.

The **Sensor Pod 120** pod features a USB port that enables the pod to be tethered to the base station using a standard USB cable. The Sensor Pod 120 includes integrated temperature, humidity, dew point, air flow, and audio sensors, as well as 4 external sensor ports.

The **Camera Pod 120** features an image processor that generates images up to 1280x1024 resolution, 24-bit color, and up to 30 frames per second. Also included are an integrated microphone and standard 3.5mm miniplug microphone jack which enable audio monitoring and capture, standard 3.5mm miniplug speaker/headphone jack that can be used to play a description of alerts in spoken language through headphones or powered speakers, door switch sensor jack, camera motion detection, and an activity LED which indicates the power-on and recording status of the pod. NetBotz also has **replacement lenses** (zoom and wide-angle) available for purchase.



The NetBotz **CAMERA POD 120**.

Designed for use with a single closed circuit television (CCTV) or other video source, the **CCTV Adapter Pod 120** accepts multi format S-Video and Composite Video and features DIN, BNC and RCA input jacks. Using the CCTV Adapter Pod, your analog video source is digitally converted and integrated with the NetBotz physical security solution. The CCTV Adapter Pod 120 provides images of up to 640x480 resolution, 24-bit color, and up to 30 frames per second (color and resolution may be limited by video source) and features an integrated microphone and standard 3.5mm miniplug microphone

jack for use in monitoring and capturing audio, standard 3.5mm miniplug speaker/headphone jack that can be used with powered speakers to provide monophonic audio output, door switch sensor jack, camera motion detection, and an activity LED which indicates the power-on and recording status of the pod.

## OUTPUT CONTROL DEVICES

With BotzWare 2.1.2's output control functionality, you can remotely turn on/off power to devices (such as servers, routers and more) and switches (for lights, doors and more) if physical conditions warrant. Output control capability enables you to better manage and protect your infrastructure and other assets from physical threats. Now, in addition to the typical alert notifications generated by the WallBotz 500, you can configure your appliance to automatically take action in response to alert conditions. For example, if temperatures climb too high your WallBotz 500 could protect your valuable assets by powering off the equipment, activating a backup cooling system, and restoring power to the equipment once temperatures have returned to acceptable levels.

**NetBotz Output Relay Pod 120s** enable you to use your WallBotz 500 to turn a variety of devices on or off. Relay output actions can be executed manually through the Advanced View and Basic View interfaces, or can be configured as automatic alert actions in response to a threshold event. Each NetBotz Output Relay Pod 120 features reed relays for up to 16 devices. Up to 4 NetBotz Output Relay Pod 120s can be connected to the WallBotz 500 base station, enabling you to control up to 64 relay-based devices. Output Relay Pod 120s can be connected directly to the USB port using a standard USB extender cable, or connected to a powered USB hub that is connected to the USB port.



## OUTPUT CONTROL DEVICES (CONTINUED)

**NetBotz Power Control Pods** enable you to control power supplied to devices. Power control actions can be executed manually through the Advanced View and Basic View interfaces, or can be configured as automatic alert actions in response to a threshold event. The **Power Control Pod 110** (one power outlet, 115VAC, 15A unit) and **Power Control Pod 230** (one power outlet, 230VAC, 5A) enable you to control the supply of power to devices connected to a single integrated power outlet, while the **Power Control Pod 115** (5 power outlets, 115VAC, 15A maximum total output) and **Power Control Pod 235** (5 power outlets, 23- VAC, 10A maximum total output) each enable you to control the supply of power to devices connected to any of the unit's 5 integrated power outlets.

## DEPLOYMENT ENABLEMENT SOLUTIONS

NetBotz deployment enablement solutions are designed to meet the needs of customers that need to install pods in locations that are significantly distant from the WallBotz 500 base station. While USB alone provides great deployment flexibility (pods connected using USB cables and powered hubs can be located up to 25 meters from the base station), your deployment needs might be more demanding. Designed for use with your WallBotz 500, **CAT 5 Pod Extenders**, **500M Fiber Pod Extenders**, and **USB Extension Cables** provide the flexibility you need to effectively deploy additional pods throughout your facility. **Cat 5 Pod Extenders** enable you to place pods up to 100 meters (328') from your WallBotz 500 base station, greatly lengthening the standard 25 meter distance limit for USB devices. Using local and remote modules connected with up to 100 meters of CAT 5 cabling, CAT 5 Pod Extenders provide a powered USB connection for your pods and greatly enhance your ability to expand the reach of your sentry solutions. **Fiber 500M Pod Extenders** provide even greater expandability, enabling you to deploy your pods up to 500 meters (1640') from the base station using 2-strand fiber-optic cable. And for less demanding deployment scenarios, our 5 meter (16') **USB Extension Cables** are the perfect solution. These active USB repeater cables feature USB signal buffering, thereby ensuring signal quality and data integrity for your physical threat prevention network.

For deployments where distance from the base station is not a problem but location of the equipment is, NetBotz offers a number of solutions to address location-specific installation issues. The **NetBotz 48VDC Power Supply** enables you to use a 48vdc power source (such as those found in cellular communications towers) to power your WallBotz 500. **NetBotz Camera Pod Enclosures** protect your pods from tampering and from the elements, and are available in two models: A compact enclosure for use in locations where the operating conditions do not exceed the specifications of the pods, and also in a larger form factor that incorporates a heater and blower for use in more demanding or extreme climates. Finally, the **NetBotz Pod Mounting Kit** makes it easy to mount your pods or WallBotz 500 base station in server cabinets, TELCO racks, on walls, or even from drop ceilings.

## EXTENDED STORAGE SYSTEM

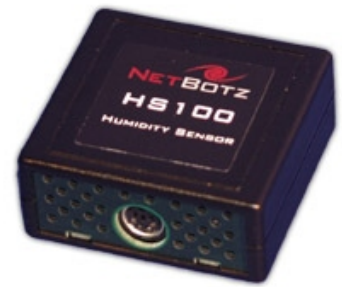
The **Extended Storage System** enables you to vastly increase the alert and sensor data storage capabilities of your WallBotz 500. The Extended Storage System, connected to your WallBotz 500 base station, increases the maximum camera clip size to 32MB, increases the total number of resolved alerts and length of time resolved alerts are stored to a maximum of 5000 resolved alerts stored for up to 180 days (without the Extended Storage System, alerts are stored for up to 24 hours only), enables your WallBotz 500 to store up to 10,000 individual "captures" (including picture sequences, audio clips, and graphs), increases the sensor history for all sensors connected to your WallBotz 500 with Extended Storage System to a maximum of 180 days (compared with the standard 24-hour sensor history limit) and permanently stores sensor history, alerts, and all sensor-associated data (including image captures, audio clips, and sensor data graphs) on the Extended Storage System so they are protected if power to the appliance is interrupted.



## EXTERNAL SENSORS

NetBotz offers a full line of external sensors for use with your NetBotz sentry appliances. The **TS100 External Temperature Sensor** enables you to monitor temperatures in areas of the rack, cabinet, or room other than the location in which the appliance is installed. The **HS100 External Humidity Sensor** provides similar functionality, enabling you to monitor humidity at remote locations. Use the **FD100 Fluid Detector** to monitor a location for the presence of water and other fluids. A **PS100 Particle Sensor** can alert you to the presence of dust and other particulates. And **NetBotz Amp Detectors** add electrical current monitoring capability to NetBotz appliances, providing an accurate way to determine how much current is being drawn on circuits.

**Note:** Amp Detectors are available for 15, 20 and 30 amp circuits in the United States and Canada. Choices are NEMA 5-15, 5-20, L5-20, L5-30, and L6-30 (208V) plug (input) and receptacle (output). Models are also available for 13 amp circuits in the UK and Ireland, and for 16 amp circuits in continental Europe and South Africa.



The NetBotz **HS100 EXTERNAL HUMIDITY SENSOR.**

All NetBotz external sensors include enough cable to place the sensor up to 15 feet from your NetBotz appliance. If you need a longer cable you can purchase standard or plenum-rated 15-, 25-, 50- or 100-foot extender cables from NetBotz. Sensors can be placed up to 115 feet from the NetBotz appliance or sensor pod to which they are connected.

If you need to monitor locations where it is not feasible to run wiring, **THS-100 Wireless Temperature & Humidity Sensors** can be used to monitor the humidity, temperature, and dew point in locations to which standard wired sensors or pods cannot be deployed. THS-100 sensors are powered by a user-replaceable lithium battery which provides up to 3 years of power to the sensor. A single Wireless Receiver 120 can receive transmissions from as many as 100 THS-100 sensors.

**Note:** Wireless sensors do not provide the same level of communications reliability as wired sensors, so where possible NetBotz recommends the use of wired sensors.

## DRY CONTACT DEVICE SUPPORT

NetBotz 310/400 Series and WallBotz 500 sentry appliances feature built-in Dry Contact Sensor support that enables you to use devices such as condensation sensors, vibration sensors, glass break sensors, UPS and HVAC dry contact alert ports, and more. The **NetBotz Dry Contact Cable** is used to connect dry contact devices to the NetBotz appliances. The mini-DIN connector on one end of this cable connects to an external sensor port on the NetBotz monitoring appliance. The other end of the cable has leads to connect to the terminals in the dry contact sensor device.



## 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.*



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05/06/2004

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