

SMART SECURITY & SURVEILLANCE

STARTS WITH INTELLIGENT NETWORKED DEVICES

B+B SMARTWORX

Powered by

ADVANTECH



1

TANK LEVEL MONITORING, CONTROL & SECURITY

- Cellular or 900 MHz RF wireless sensor monitor and control
- Redundant/fail over network

2

BUILDING PERIMETER SECURITY & INTRUSION DETECTION

- Mitigate risk and deter intrusions
- Increase safety for employees
- Deliver real time information
- Lower security operations cost

3

ENTRY POINT CONTROL & VEHICLE INSPECTION

- Traffic cameras on fiber network for control and camera surveillance
- Wireless RF, Wi-Fi, wired security control
- Remote sign message control

4

BUILDING SECURITY & ACCESS

- Security access control or lockdown
- Real-time video
- Email & text alerts/notifications
- Cellular failover

5

HIGH VALUE ASSET & CONTAINER TRACKING; CUSTOMS INSPECTION/SECURITY

- Wide range of sensor parameters
- Container tracking and security
- Triggered alerts once container is locked
- Monitor climate of container

6

PARKING LOT SECURITY, ACCESS & CONTROL

- Access control and perimeter security
- Protect against intruders
- Decrease property damage
- Monitor lighting conditions
- Secure stairwells

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LTE, 4G, HSPA+ CELLULAR ROUTERS

- PoE + ports
- I/O port
- RS-232/422/485 ports
- Wi-Fi
- 1, 2, 3 or 5 10/100 Ethernet ports
- USB port
- Wide temperature



POE+ ETHERNET SWITCHES

- 8, 10, 12, 28 Ports managed
- IXM Management
- SNMP managed switch
- PoE + ports support 30W per port
- SFP fiber 100 Base-TX or 1,000 Base-T/LX/SX



ETHERNET COPPER EXTENDERS

- For 1 or 4 ports
- Extend copper signals from 980-6,200 ft.
- UL508 & NEMA TS1/TS2 for traffic control
- 10/100 base TX port
- Redundant power inputs
- Wide operating temperature
- IP30 enclosure



WIRELESS OR WIRED SENSOR GATEWAYS

- Wide selection of wireless sensor input, hardware or wireless sensors
- Industrial and commercial sensor nodes
- Wide operating temperature
- IP66 rated enclosure
- Class 1/Division 2 rated for hazardous locations
- Node-Red Application



10/100 OPTICAL DEMARICATION DEVICES

- Loopback troubleshooting
- SNMP manageable
- AC, DC power or PoE 802.3af
- Bi-directional bandwidth control
- MTU: supports over-sized packets up to 1916
- Supports passive 802.3ah OAM (Operation, Administration and Management)



ETHERNET MINI SERIAL SERVERS

- Ultra compact design fits in tightest spaces
- RS-232, RS-422/485, RS-232/422/485
- Wide temperature (-40 to 80°C)
- Wide 10-30 VDC voltage input
- IP30 metal enclosure
- Industrial 61000-6-2 EMC Level 3 tested for harsh environments



INDUSTRIAL RADIO MODEMS

- 900 or 868 MHz, 2.4 GHz, AES encryption
- 40mi/64km (line of sight, antenna dependent)
- RS-232/422/485; Modbus compatible
- Industrial, DIN industrial case & components
- Wide temperature (-40 to 85°C)
- Wide power input: 10-48 VDC or 18-30 VAC
- UL Class 1/Division 2 (long range models)



POE MEDIA CONVERTERS

- IEEE 802.3af PoE/15.4W, 802.3at PoE+/25.5W
- Link Fault Pass Through (LFPT)
- Configurable PoE Reset on Fiber LOS
- Supports jumbo frames (up to 10240 bytes)
- Desktop, DIN rail or wall-mount
- Rugged stand-alone metal enclosure with compact external power supply



USB TO ETHERNET IP SERVER HUB

- Monitor, control up to 4 USB devices
- 10/100/1000 Mbps Ethernet
- Gigabit for high bandwidth applications
- USB 2.0 @ 480 Mbps
- 15kV ESD protection
- Compact size



WIRELESS INDUSTRIAL I/O

- 900 MHz or 2.4 GHz, AES encryption security
- 40mi/64km (line of sight, antenna dependent)
- RS-232/422/485; Modbus compatible
- IP67 case and components for outdoor uses
- Wide temperature (-40 to 74°C)
- 30 VDC power input; software selectable output
- UL Class 1/Division 2, NEMA TS2

Advantech B+B SmartWorx provides a complete line of secure connectivity solutions for controlling, monitoring and protecting assets, personnel and visitors. Advantech B+B SmartWorx' is integral in networking new facilities and modernizing legacy assets at existing ones. _____



SURVEILLANCE



KEYCARD ACCESS



REMOTE CAMERAS



VEHICLE ACCESS



BIOMETRIC ACCESS

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