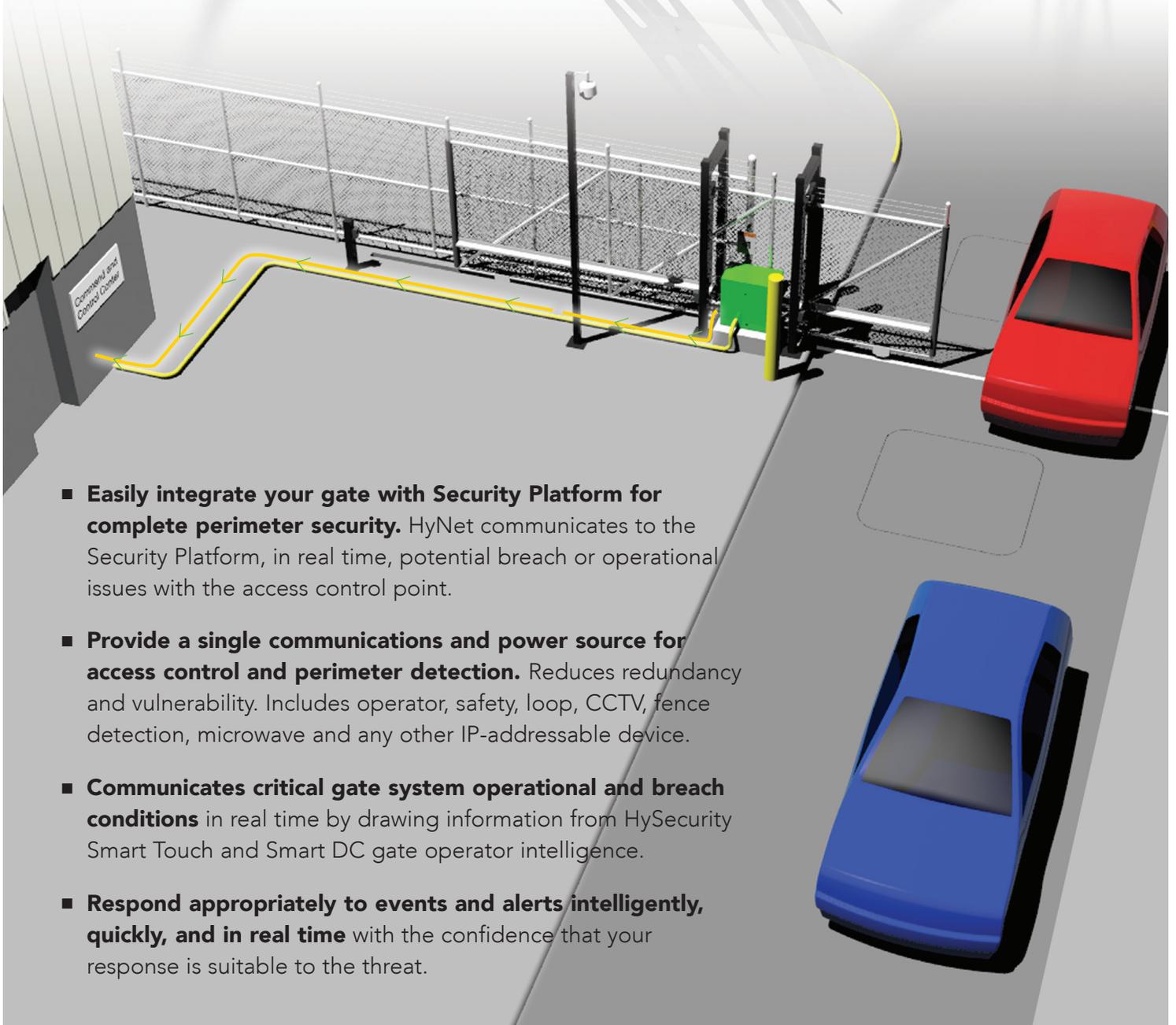




# HyNet™ Gateway

## Perimeter Security Fortified

HyNet™ provides intelligent perimeter control with real time connection to a HySecurity intelligent operator that communicates breach and system malfunctions via built in web interface, Web Services API or SNMP



- **Easily integrate your gate with Security Platform for complete perimeter security.** HyNet communicates to the Security Platform, in real time, potential breach or operational issues with the access control point.
- **Provide a single communications and power source for access control and perimeter detection.** Reduces redundancy and vulnerability. Includes operator, safety, loop, CCTV, fence detection, microwave and any other IP-addressable device.
- **Communicates critical gate system operational and breach conditions** in real time by drawing information from HySecurity Smart Touch and Smart DC gate operator intelligence.
- **Respond appropriately to events and alerts intelligently, quickly, and in real time** with the confidence that your response is suitable to the threat.

MX3490

# HyNet™ Connects...



## Frequently asked questions about the HyNet™ Gateway:

### Q1 What is the HyNet Gateway SFP 4/1?

**A:** HyNet is your gateway to your HySecurity operator. This interface provides the ability to remotely control and monitor your gate operator, as well as real time information about your gate system, including security and maintenance alerts, run errors, and system faults.

### Q2 Is the network gear a switch or a hub?

**A:** The networking gear is a smart switch. That means that HyNet is not bandwidth limited, like a hub, to the lowest speed device hooked up. Instead, each port can auto detect the speed of your equipment and maintain that speed regardless of the other equipment that it's connected to. For instance, let's say you have an access control card reader running at 10Mbit on one port, a 1Gbit IP camera on a second port, a VIOP phone at 100Mbit, and an uplink trunk (running back to the server room) at 1Gbit. Each of these will run at their optimum speed and not be limited by that slow access control device.

### Q3 The HyNet Gateway contains a managed Gigabit Ethernet switch. What is the difference between a managed versus unmanaged Ethernet switch?

**A:** Managed switches provide the ability to configure the switch, and prioritize and control Local Area Network (LAN) traffic. Managed switches cost more than unmanaged switches but the additional features such as Quality of Service (QoS), Simple Network Management Protocol (SNMP), port/MAC filtering, Access Control Lists (ACLs) and Virtual LANs (VLANs) provide the network administrator the tools to manage, control and secure the network.

### Q4 Does the HyNet switch offer any sort of security?

**A:** Yes. There are lots of options. The switch itself has a web interface that can be completely turned off after configuration. The interface can run SSL if needed. It offers MAC to port lockdowns, AAA (Radius) traceability, SNMP, and ACLs to mention a few.

### Q5 What SFP modules does it support?

**A:** The HyNet will support any fiber SFP module. We recommend that the module be the same on both sides of the link. HyNet supports 100Mb, 1Gb, and 2.5Gb modules. It does not support copper modules.

### Q6 If I use the SFP port, do I lose one of the copper ports?

**A:** No. All the ports are independent and can be used in any order.

### Q7 Do I need a straight through network cable or a cross over cable?

**A:** All the ports of the switch have Auto-MDIX. That means it will figure out which cable you plugged in and adapt as necessary so long as you conform to the TIA/EIA pinout standard.

### Q8 Does the system come with a mounting kit for installing the HyNet in the gate operator?

**A:** Optional mounting kits are available for your specific operator. Contact HySecurity for the options or refer to the HyNet Manual.

### Q9 I need my HyNet to be located in a secure IT facility with other networking equipment. How can I do this?

**A:** The connection from the operator to the HyNet is RS-485. This means that the operator to the HyNet can be up to 2000 ft (600 m) away via shielded, paired copper. However, to power the HyNet over 200' ft (60 m) away, you will need a separate 12 - 24VDC, 18W power supply. A remote power supply (MX3980) is available. Contact Nice/HySecurity for more information.

**HyNet™ Gateway Built-in Web Interface**

**Status Screen**  
Monitor gate status and cycle counts

**Operations Screen**  
Operate gate and view brief status details

**Event Log** View gate events, alerts, logs and parking counts