HyNet™ Gateway

Perimeter Security Fortified

Provide Enhanced Perimeter Security Intelligence to your Security Platform via Web Services API or SNMP, Email, Text Alerts

Know when...

- Intruder forces your gate open
- Unauthorized vehicle tailgates through your security perimeter
- Gate hits an obstruction, leaving your facility vulnerable
- Gate is open for too long
- Loop counts, cycle counts

HySecurity®

a **Nice** group company

HyNet™ Connects...

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.

Gate Operator Intel Sent to Security Platform via HyNet™ Gateway			
SECURITY EVENT	**CONDITION DETECTED** by HySecurity Intelligent Swing, Slide, Barrier Arm, Crash Barrier or Vertical Lift	**HyNet™**	**SECURITY PLATFORM RESPONSE**
Intruder forces your gate open	Gate system intelligence communicated to Security Control in real time: • Gate forced open • Gate obstructed • Tailgating and more Gate system functional issues creating security vulnerabilities: • Gate won't close • Backup battery life ending • Loops malfunctioning • Much more Connects to HyNet™ Gateway via RS-485. Output via Ethernet or fiber.	**Integrates ACP system intelligence via RESTful Web Services API or SNMP with Command & Control security system in real time.** Provides 4 perimeter security device inputs and one Ethernet or fiber output.	Security integrator works with End User security team to create automated or manual responses to perceived threat. Examples: • Program system to change PTZ camera view to the Access Control Point • Command the gate to close, overriding local access controls and manual controls • Lockdown facility; send security reinforcement Programmed response is commensurate with security threat and is only limited by End User security resources.
Unauthorized vehicle tailgates through your security perimeter			
Suspicious vehicle sits just outside your gate, without access control entry validation			
Gate hits an obstruction, leaving your facility vulnerable to external threat			
Gate is open or unsecured for too long			
Multi-device, automated gate system malfunctions in any way			

Access Controlled

Connect up to four intelligent HySecurity gate operators AND up to four perimeter security devices to your Security Platform
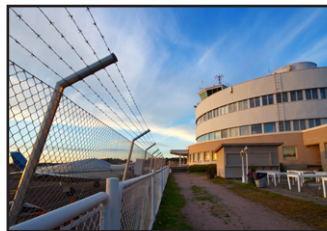

Access Controls

Fence Sensors

CCTV

Other Perimeter Security Devices

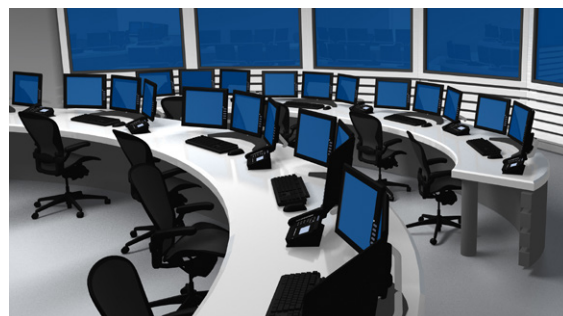
HySecurity Intelligent Gate Operators

...via HyNet™ Gateway

HyNet™ Gateway is mounted in HySecurity Gate Operator enclosure which can be key-locked.

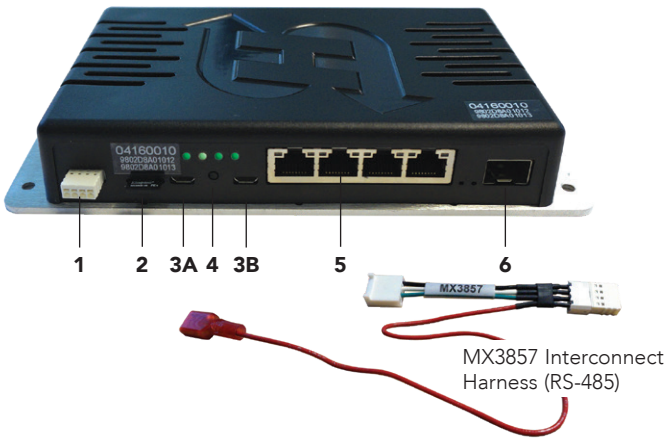## HyNet™ Gateway provides a single communications hub

for multiple perimeter security devices with one Ethernet and fiber optic connection to your Security Platform. Emergency response time reduction, informed and appropriate threat response, reduced system vulnerabilities and significant system cost reduction.

HyNet™ Gateway

Tap into HySecurity Gate Operator Intelligence

- Remotely monitor the gate operator / security barrier
- Remotely program your access control point
- Control your HySecurity operator from your Security Platform
- Remotely update software to your operator
- Troubleshoot gate errors and faults
- Review events and alerts
- Check Cycle Count
- View video from IP Camera

HyNet™ 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

MX3857 Interconnect Harness (RS-485)

1. **RS-485** – Interface to operator, power and serial
2. **Micro SD slot** – Extra memory for logs and operator firmware images
3. **USB ports** – Serial communications to configure HyNet using CCI
   A. HyNet
   B. Smart Switch
4. **Reset button**
5. **Smart Switch with 4 copper ports** – RJ45 (10/100/1000), IP camera, access control system, uplink to telecom equipment, with status LED
6. **Universal SFP port** – Small form-factor pluggable transceiver, for fiber

SPECIFICATIONS

Model....................	HyNet Gateway SFP 4/1
Part #....................	MX3490
Operators................	All HySecurity operators
Power....................	9 - 36 VDC, 1A
Bandwidth..............	4.5 Gb internal switch matrix
Temperature Rating	-40° to 185°F (-40° to 85°C)
Humidity................	5% to 95% relative humidity, non-condensing
Ports.....................	**4 copper:** RJ45 - 10/100/1000 auto detection (Mb). 1000 BASE-T. Status LEDs. Use with IP camera, access control system, uplink to telecom/service provider/networking equipment
	1 SFP Port (fiber): 100/1000/2500 (Mb). Status LEDs. Supported types: SX, LX, EX, ZX, EZX, BX, XD, SFSW, CWDM, DWDM. Use with uplink to telecom/service provider/networking equipment
Communication	RS-485
Micro SD Card	Extra memory for logs and operator firmware images. 4 GB card provided. Can handle up to 16 Gb.
USB Port................	Upload firmware images, additional serial communications
Warranty	2 year

Contact Nice/HySecurity for an operator/parts distributor near you.
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