

## iNS Remote Interface Modules 1st phase release

Kentec is proud to announce the launch of its iNS Remote Interface modules

### Product info


iNS Remote Interface Modules provide a simple solution for linking fire and fault status outputs between non-networkable fire alarm control panels. The RIM100M-3-K and RIM100E-K modules work together as a pair to provide bi-directional monitoring of fire and fault relays across an Ethernet link. This provides a simple network where it is not possible to provide a hard wire connection between panels.


This solution can be used to transmit fire and fault status of remote conventional fire alarm panels to a central addressable fire alarm panel. Alternatively they can be used to transmit fire and fault status between control panels of different suppliers.

iNS Remote Interface Modules		
Brief Description	USP's	Release Criteria
<ul style="list-style-type: none"> <li>A set of modules enabling simple status connectivity across an Ethernet link</li> </ul>	<ul style="list-style-type: none"> <li>RIM100M-3-K and RIM100E-K combine as a pair to create an ethernet link between two control panels</li> <li>Two bi-directional Input/Output signal states communicated across ethernet link - Fire and Fault</li> <li>RIM100E-K Supports a simple 'monitored' ethernet communication channel with configurable latency</li> <li>An effective solution for introducing a 'remote' conventional Fire Alarm Control Panel to an existing network, via a monitored Communication channel</li> <li>RIM100E-K has a built-in web page for configuring the device An RJ45 status indicator light is used to provide status on data</li> <li>activity Front fascia LEDs system status indication Supports TCP Server, TCP Client, UDP and UDP Server Ethernet protocols Support for debug via laptop with simple USB interface</li> <li>Can utilise existing Ethernet network set-up</li> </ul>	<ul style="list-style-type: none"> <li>Simple status transmission only</li> <li>Signals cannot be used as part of cause and effect programming</li> <li>Two pairs of RIM's required at each end of ethernet link</li> </ul>

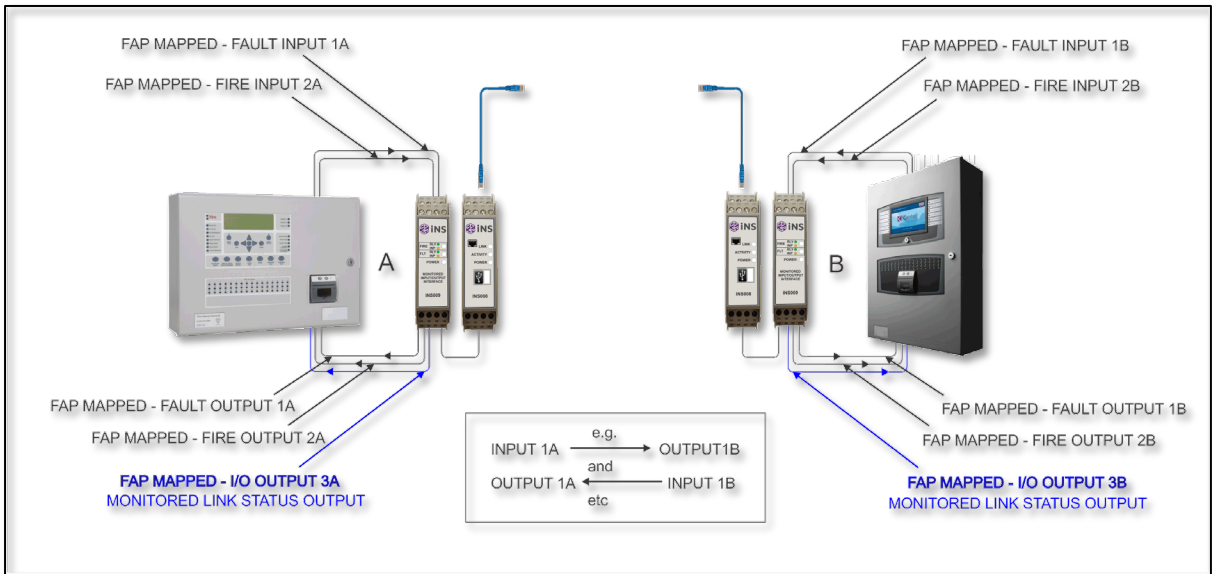
Bulletin no. PR1065/082020 Rev 1

## Products

Brief Description	Release Information
<p data-bbox="204 322 467 349"><b>RIM100M-3-K I/O module</b></p>  <p>The image shows a white DIN rail-mounted I/O module. The front panel features the 'iNS' logo, two sets of indicator lights labeled 'FIRE RLY INP' and 'FLT RLY INP', and a 'POWER' indicator. Below the lights is the text 'MONITORED INPUT/OUTPUT INTERFACE' and the model number 'INS009'. The side of the module has a label with technical specifications and a CE mark. The top and bottom of the module have terminal blocks for wiring.</p>	<ul data-bbox="922 309 1433 573" style="list-style-type: none"> <li>• Two inputs to monitor fire and fault relays from panel</li> <li>• Two relay outputs</li> <li>• RS485 output to RIM100E-K</li> <li>• Requires nominal 24v dc supply</li> <li>• 18-36V DC supply</li> <li>• Can only be used in conjunction with RIM100E-K</li> </ul>
<p data-bbox="204 1122 288 1149">Product</p> <p data-bbox="204 1153 347 1180"><b>RIM100M-3-K</b></p>	

Brief Description	Release Information
<p data-bbox="204 1294 499 1321"><b>RIM-100E-K Ethernet module</b></p>  <p>The image shows a white DIN rail-mounted Ethernet module. The front panel features the 'iNS' logo, three indicator lights labeled 'LINK', 'ACTIVITY', and 'POWER', and a USB port. Below the lights is the model number 'INS008'. The side of the module has a label with technical specifications and a CE mark. The top and bottom of the module have terminal blocks for wiring.</p>	<ul data-bbox="922 1267 1369 1469" style="list-style-type: none"> <li>• RS485 input from RIM100M-3-K</li> <li>• Ethernet interface RJ45</li> <li>• 18-36V DC supply</li> <li>• DIN Rail monitoring</li> <li>• Can only be used with RIM100M-3-K</li> <li>• Built in web server configuration</li> </ul>
<p data-bbox="204 2040 288 2067">Product</p>	

## Typical connection diagram



## Documentation

Is available on the [Kentec website](#)

Brochure [iNS sales brochure](#)

Datasheets [RIM100M-3-K](#)  
[RIM100E-K](#)

Manuals [RIM installation manual](#)  
[RIM Quick Start Guide](#)