IQH1A enclosure offers high-density delivery of HD and SD modular solutions. The 1 rack unit enclosure accepts up to four ‘A’ style modules and is available with hot-swappable dual redundant PSUs for maximum reliability. The enclosure is fitted with RollCall control and monitoring as standard, including full SNMP control and monitoring functionality over Ethernet.

**Features**
- 4 single or 2 double width modules (or any combination)
- Capable of accepting all types of IQ Modules including HD-SDI, SD-SDI, AES and analog audio, analog video and fiber optics
- Dual Redundant power supplies (hot swappable) for high system availability
- Optimum use of rack space – frames do not require any additional ventilation spacing
- Plug-in RollCall enabled via gateway card with TCP/IP, RollNet, SNMP and RS232/422 connectivity
- In service replaceable cooling fans
- Chassis monitoring, including inlet temperature, fan condition and module status
- Full CE and UL compliance

**Order codes**

**IQH1A-S-P**
Enclosure with Dual Redundant PSU & Ethernet/SNMP Compatible RollCall Gateway Card, 4 module slots.

**Accessory**
- **IQH1APSU**
  Single PSU as cold spare or upgrade to Dual PSU configuration.

**Accessory**
- **IQH1A-S-GATEW**
  Ethernet/SNMP compatible RollCall Gateway card for IQH1A enclosures.

Note: Although IQ modules are interchangeable between enclosures, their rear panels are enclosure specific. Code ‘A’ or ‘B’ order codes may be used when installing modules in the IQH3B enclosure. Code ‘A’ order codes must be used when installing modules in the IQH3A enclosures.
## Technical Specification

### Inputs, Outputs and Controls

<table>
<thead>
<tr>
<th>Inputs/Outputs</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>RollCall remote control</td>
<td>BNC connector</td>
</tr>
<tr>
<td>RS422/485/232</td>
<td>Remote control</td>
</tr>
<tr>
<td>9-pin D-type connector</td>
<td>RollCall/SNMP over TCP/IP 10/100 baseT Ethernet</td>
</tr>
</tbody>
</table>

### Preset Controls

<table>
<thead>
<tr>
<th>Switches</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit address code set switches</td>
<td>2 Hex switches 0 to F</td>
</tr>
<tr>
<td>Communications mode switch</td>
<td>Select RS232, RS485 or RS422 interface</td>
</tr>
</tbody>
</table>

### Additional Controls via RollCall Remote Control System

- Full Control via RollCall Control Panel PC Application.

### Specifications

- Number of Modules that May be Accommodated:
  - 1U: 2 double width or 4 single width (or combinations of both) fitted horizontally
  - Module card dimensions 100 mm wide, 340mm long
  - Module rear connector 3D - 64 way HD/ 55 way
  - Module rear panel dimensions 129mm wide (-A versions) 40.4mm (double width) 20mm (single width) high

### CE Performance Information

- Environment: Commercial and light industrial E2 immunity, controlled EMC E4 emissions
- Peak mains inrush current following a 5 second mains interruption: 16A

### Power (each PSU)

- Input voltage range: 100 - 250 V 50/60 Hz
- Input connector: IEC320 Fused T3.15AH
- Input current: 2.5 A
- Enclosure power consumption: 86.25 W maximum (+7.5 V supplies)
- Outputs: +7.5 V and -7.5 V ±10%
- Fan Supply 11 V ±1 V 0.7 A typical
- Note that all modules have built-in power supply fuses.

### Mechanical

- Temperature range: 0 to 40°C operating, -30 to +75°C storage.
- Cooling fan is fitted
- Humidity range: 10 to 85% (non-condensing)
- Case type: 1U rack mounting aluminum case
- Dimensions: 483mm x 470mm x 44.4mm (w, d, h)
- Depth behind rack ears excluding space for leads: 450mm
- Weight empty: 6.45 Kg
- Weight including modules: 8.25 Kg