



Hawkeye

**IQH3B (3RU) and
IQH1A (1RU)
modular frames
for IQ modules**



INNOVATE | COLLABORATE | DELIVER

INNOVATE

COLLABORATE

DELIVER



The IQH3B and IQH1A frames offer high density delivery of modular solutions and house the IQ range of modules. These modular frames are fitted with RollCall control and monitoring as standard, including full SNMP control and monitoring functionality over Ethernet.



IQH3B



IQH1A

Features:

- House any combination and mix of Hawkeye and Snell IQ modules
- Integrated web browser based RollCall configuration and control
- SNMP Control and Monitoring of all RollCall enabled IQ modules
- Plug in RollCall enabled via gateway card with TCP/IP, RollNet, SNMP and RS232/422 connectivity
- Hot swappable redundant power supplies with PSU status reporting through GPIs on the Gateway control card rear panel
- In service removable cooling fans
- Full chassis monitoring, including Inlet and Outlet temperature, fan condition and module status

The IQH3B modular frame accepts up to 16 modules, and is available with hot swappable dual redundant PSUs and cooling fans. The IQH1A modular frame accepts up to four modules and is supplied with hot swappable dual redundant PSUs for maximum reliability.

Technical specifications:

Input power

Input connector: 2 off IEC320 (Dual input versions)
 IQH3B is Fused 4A(T) and IQH1A fused T3.15AH
 Input voltage range: 100-250V 50/60Hz

Remote control

RollCall: BNC, 75 Ohms
 RS422/485/232: D-type connector, 9 pin
 RollCall/SNMP over TCP/IP: Ethernet, 10/100baseT

Reference inputs (IQH3B only)

Input connector: 2 off BNC, 75 Ohms
 Black (HD tri-level and SD bi-level)
 and Black Burst (SD bi-level)
 SD bi-level – RS170A
 HD Tri-level – SMPTE 240M, 274M and 296M
 Return loss: SD bi-level > 40dB to 5.5MHz
 HD tri-level > 35dB to 30MHz

Physical IQH3B

Slots: 16 slots, single or dual PSU
 Dimensions: 483mm(w) x 490mm(d) x 135mm(h)
 Weight (no modules): 8.25kg approximate
 Weight (fully populated): 15kg approximate

Physical IQH1A

Slots: 4 slots, single or dual PSU
 Dimensions: 483mm(w) x 470mm(d) x 44.4mm(h)
 Weight (no modules): 6.45kg approximate
 Weight (fully populated): 8.25kg approximate

Environment

Operating temperature: 0-45°C (IQH3B)
 0-40°C (IQH1A)
 Humidity range: 10-85% (non condensing)

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