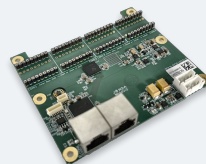


PRODUCT ARCHITECTURE — ELECTRONICS

Electronics

Standard and custom solutions — designed and scaled to fit your requirements.



D board
Detector — 20-bit front end



C board
Control — Gigabit Ethernet



P board
Power — 11–25 V DC in

Intelligence

Built in

62

D boards per control zone

32 – 2048

Channels per D board

Customisation

To best fit the application

D BOARD — DETECTOR

Measures the image

Front end	20-bit fully digital
Channels/board	32 – 2048
Energy modes	Single or dual energy
Boards per control zone	Up to 62
Photodiode pitch	0.4 / 0.8 / 1.2 / 1.6 / 2.5 / 6.0 or custom
Sensor Board	CsI, Gadox, GOS, CdWO ₄ / CWO, ZnSe, Silicon –
Scintillator Materials	other options are available

C BOARD — CONTROL

Moves the data

Host interface	Gigabit Ethernet
Local bus	CAT6 daisy chain
Trigger I/O	2-way RS422, isolated
Firmware	Self-update, dual boot

P BOARD — POWER

Keeps it running

Input supply	11 – 25 V DC
Max input current	6 A
Distributed supply	6 V
Protection	Reverse polarity · over-current · thermal

BUILT-IN INTELLIGENCE

Standard on every board

- Power, voltage and current monitoring
- Temperature and humidity monitoring
- Run-time & exposure recording
- Remote diagnostics & customer-managed firmware updates

ENVIRONMENTAL & SUPPLY

Operating 0 °C to 60 °C

Storage -40 °C to 70 °C

95% RH non-condensing

Windows API + evaluation software

Supplied as complete systems, sub assembly modules or boards

ISO 9001:2015

ISO 27001:2022

ISO 14001:2015

ISOQAR Cert No. 27075