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Quotation

FPGA based spectrometer system

Quotation reference: Q070112A
 Dr. Anders Emrich
 Tel: +46 31 7343401
 Email: ae@omnisys.se
 Omnisys Instruments AB
 Gruvgatan 8
 SE-421 30 Västra Frölunda, Sweden

Dear Sir,

We are hereby offering a spectrometer system based on 4 spectrometer boards in one single height 19" EuroRack crates with the following specification:

Size: 1 x single high 19" crates
 RF I/O: 4x4=16 SMA connectors (as for SuperCam)
 Main clock: Synthesized on board
 Data I/O: 1 x 100 MBit/s Ethernet
 Power: 110 V
 Configuration: 8x1000 MHz
Tested with white noise and CW source for radiometer applications.
 Integration time: 0.1-10 seconds
 FPGA: Xilinx Virtex-4 SX-55
 Cost: \$120 000 plus shipping and tax
 Delivery time: 6 months after order
 Payment plan: 50% at order
 50% 30 days after delivery
 Note: \$20 000 will be deducted if one board is excluded, i.e providing 6 x 1 GHz processing.
 The system will be shipped with a spare parts kit, such as an extra power supply and embedded control computer.

Dr. Anders Emrich