

# Quotation

## FPGA based spectrometer system

Quotation reference: Q080112A  
Dr. Anders Emrich  
Tel: +46 31 7343401  
Email: ae@omnisys.se  
Omnisys Instruments AB  
Gruvatan 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 hight 19" crates
RF I/O:	2x4=8 SMA connectors (as for SuperCam)
Main clock:	Synthesized on board
Data I/O:	1 x 100 MBit/s Ethernet
Power:	110 V
Configuration:	4x1000 MHz <i>Tested with white noise and CW source for radiometer applications.</i>
Integration time:	0.1-10 seconds
FPGA:	Xilinx Virtex-4 SX-55
Cost:	\$80 000 plus shipping and tax
Delivery time:	6 months after order
Payment plan:	50% at order 50% 30 days after delivery

Note:

The system will be shipped with a spare parts kit, such as an extra power supply and embedded control computer.

Dr. Anders Emrich