

Fastwel



Development HINTS

Design your rugged video capture System with new 3U CPCI S.O Module – VIM 554

Fastwel is proud to announce an extension to the range of its 3U CPCI S.0 peripherals [VIM554](#) audio/video capture module, which designed to be used in railway, marine and other mission critical applications. The module is made for receipt of the Standard Definition Analog Video (SDTV) and voice signals, their transformation into the digital form and input to computer system memory.

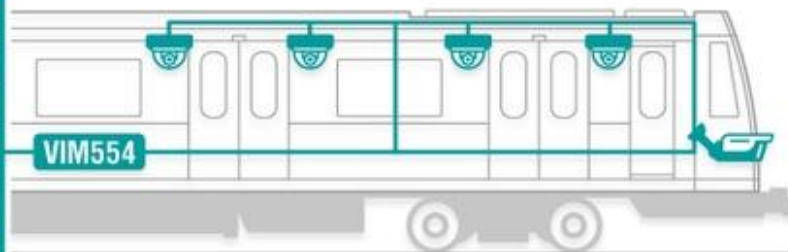
[VIM554](#) uses a high-speed I/O interface (PCI Express x4) and is designed for the use in 3U CPCI S.0 systems with Fastwel [computer modules](#) of various architecture types.

[VIM554](#) ensures receipt of the following signals:

4/8x video signal channels of the following standards: PAL (B, D, G, H, I, M, N, 60), SECAM, NTSC (4.43 MHz, M). Input speed per each channel: 25/30 frames/sec, depending on the video signal standard;

4/8x audio channels (mono) from the following audio sources: active microphones, amplifiers, sound cards. Sampling frequency: 8/16/32/44.1/48 KHz, retrieval capacity: 8/16 bits.

VIM554-01 version supports up to 4x channels and has a width of 4 HP in the crate, and as to the VIM554-02 – it supports up to 8x channels and its width is 8 HP.



PRODUCT OFFERINGS

**3U CompactPCI Intel
IvyBridge (2/4 Cores)
CPU board - CPC512**



-40°C +85°C

**3U CompactPCI
Intel Core i7 - CPC510**



-40°C +85°C

**3U CompactPCI Graphics
Controller Module -
VIM556**



-40°C +85°C

Sparrow Electronics Inc.

3328 Ave Troie Suite 220
Montreal QC H3V 1B1
Canada
Ph : 1-514-733-1399
Fax : 1-866-530-7433
info@sparrowelectronics.com
[http : //www.sparrowelectronics.com](http://www.sparrowelectronics.com)