



**VISION4CE**  
accelerating vision technology



*Chosen by GE to support ADEPT  
and AIM Tracker applications*

## Key Features

- Multiple object detection & tracking
- Centroid & edge measurement
- Feature based correlation algorithm
- Moving object detection
- Adaptive background removal
- Automatic coast
- Grey level invariant algorithms
- Robust clutter rejection
- Sensor and positioner control

### VIDEO TRACKER OPTIONS

#### DART

Software only tracker  
Processor agnostic  
Support for HD up to kHz

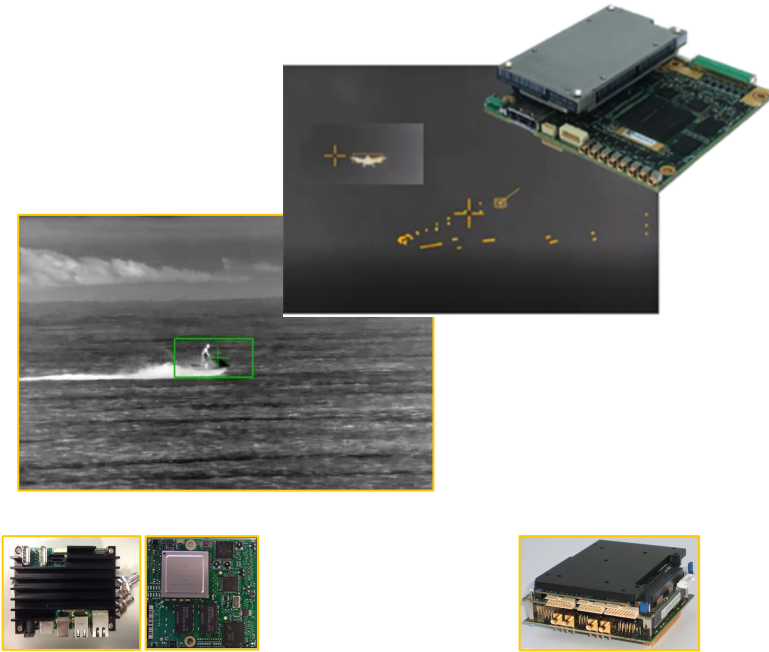
#### CHARM

CHARM 104, 100, 80, and 70  
CHARM 3U and 6U VME  
CHARM Module

#### Customized Solutions

Minimal SWaP  
Simultaneous track & estab  
Ultra low latency (<10ms), (<1  
video line)  
Rapid, easy integration and  
use  
High speed serial & Ethernet  
connectivity  
Ext. temp, shock, vib to MIL-  
STD 810F  
< 5 watts

## VIDEO TARGET TRACKING



## Specifications

- Video input - NTSC, PAL, HDMI, HD-SDI, Camera Link, others
- Host interface through any standard Com Ports
- Direct interface to sensors and PTZ platform through GigE LAN, USB, RS-232, RS-422, others
- Local control options: hand controller, joystick, touch screen, keyboard