

## PCRP RADAR PROCESSOR

Our high-performance radar processor is fully compatible with multiple commercial and military radar systems. All raw radar signals are processed through standard and proprietary algorithms to ensure optimal target detection and provide consistent operational behavior to the end user. Quite simply, the PCRP optimizes target detection with minimal operator involvement.

### KEY FUNCTIONS

RADAR CONTROL  
INTERFACE

RADAR IMAGE SERVER

RADAR TARGET  
EXTRACTOR

ACCESS OTHER  
AGENCIES' RADARS

### OPERATIONAL CAPABILITIES AND BENEFITS

#### RADAR SENSOR CONTROL

Be in control. The SSR PCRP gives operators the ability to remotely control and administer a large integrated radar system from a single command center. Remotely manipulate your system to your mission requirements while maintaining constant awareness of the health and status of each radar system.

#### A CLEAR PICTURE

Sporadic echoes are eliminated. Our radar processor augments raw radar data with clear radar image display, helping operators better detect and track targets of interest.

#### ADAPTIVE CLUTTER SUPPRESSION

No more adjusting the radar for each squall. The PCRP automatically adapts to the environment, providing consistent and clutter free radar output while automatically detecting and classifying radar targets in the environment.

NEW SYSTEM  
INSTALLATIONS

AND

LEGACY SYSTEM  
UPGRADES



LANDBASED / FIXED

AND

SHIPBOARD / MOBILE

## CHARACTERISTICS

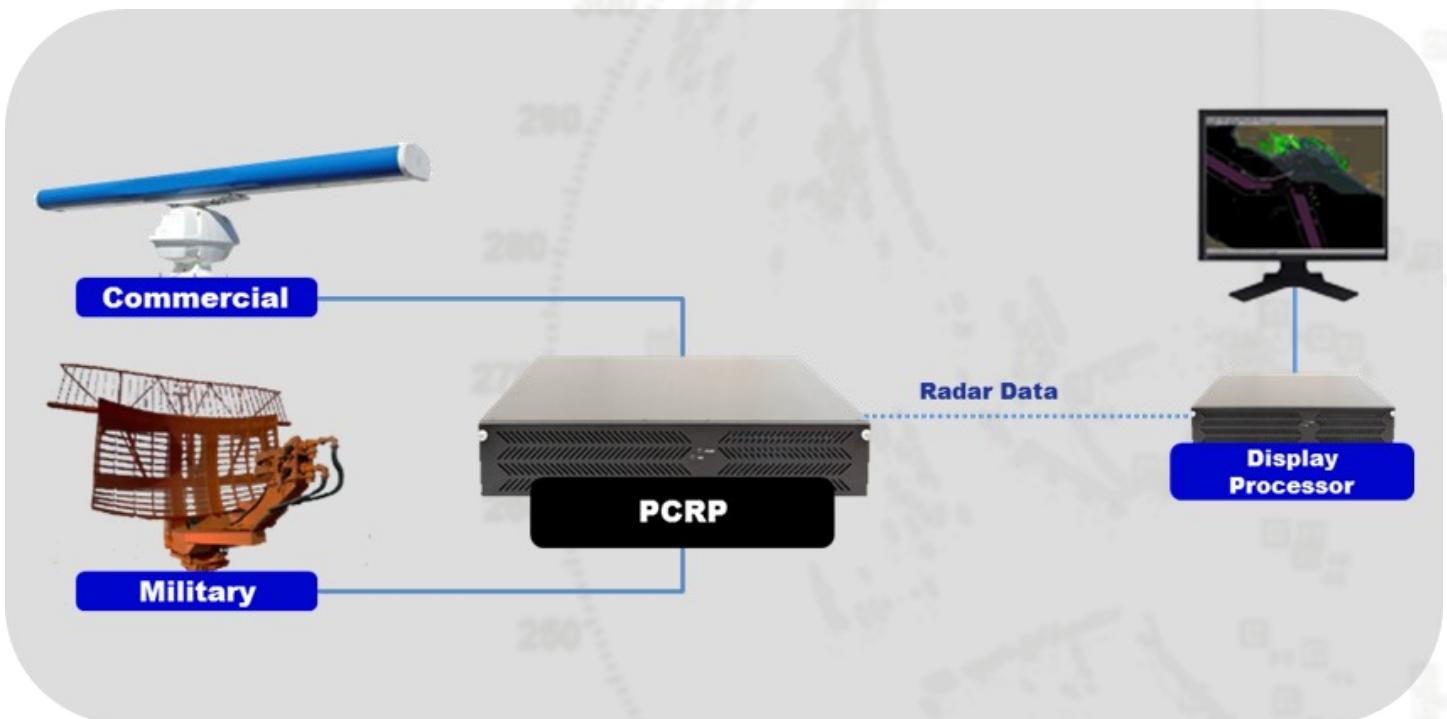
WEIGHT: 26-28 LBS (MODEL DEPENDENT)  
POWER INPUT: 110 OR 220 VAC, 50~60 HZ, SINGLE PHASE  
POWER CONSUMPTION: 120 WATTS (TYPICAL), 400 WATTS (MAX)  
DIMENSIONS: 18" L X 16.75"W X 3.45" H

MOTHERBOARD I/O: TWO(2) ETHERNET 10/100/1000 BASE-T  
SIX (6) USB 2.0  
ONE (1) COMBINATION PS/2 CONNECTOR  
TWO (2) DVI (DVI-I AND DVI-D) (DISABLED DUE TO GRAPHICS I/O)  
ONE (1) SPEAKER JACK  
ONE (1) MICROPHONE JACK  
TWO (2)RS-232 (DEFAULT) OR RS-422 (CONFIGURABLE) SERIAL PORTS

GRAPHICS I/O: ONE(1) HDMI, ONE (1) DVI-I, ONE (1) VGA

RADAR I/O: MODEL DEPENDENT

## SYSTEM OVERVIEW



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