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Model 6000 Vision System



The Model 6000 is an integrated vision system and imager housed in a NEMA rated rugged extruded aluminum enclosure (lens exposed). It is designed as a powerful single camera unit ready to install on the factory floor. The Model 6000 is most commonly used for color recognition, pattern recognition, inspection, color tracking, color presence absence, color assembly verification, and color based guidance.

Technical Specifications	
Construction	
Size:	9.5" x 3.5" x 9.25"
Weight:	8 lbs.
Enclosure:	NEMA rated extruded aluminum, completely enclosed, lens exposed
Mounting:	Various standard brackets
Processor:	Embedded MMX
Power:	18 to 36 VDC or 12 VDC
Connections - 24 pin NEMA connector	
Serial:	4 x for RS232/RS 422
Optional Ethernet:	4 x for 10/100 baseT
Power:	2 x
Inputs:	2 x digital
Outputs:	4 x digital plus 3 x for busy, status, trigger
Imager:	2 x
Ground:	4 x
Operations	
Speed:	60Hz maximum update rate
Resolution:	640 x 480 standard, higher resolution optional
Set up:	Use with Newton Labs preprogrammed software algorithms for easy set up
Operating Temperature:	32 - 100 degrees F