

BENEFITS	CATEGORY	FEATURE/SPEC
Accepts multiple input types for integration flexibility	Input	NTSC (RS-170A or RS-343), PAL, SECAM & RGB
Multiple output interfaces to support common displays	Output	Composite (color or monochrome), S-Video & RGB
Simple to use, plug & play using RCU-403/4. Or write your own serial interface	Pilot Control	RS-232 (Future MIL-STD-1553)
Pilot selectable. "Snap" one image or "burst" capture several images over a preset time frame.	Image Capture	Up to 6 frames/second
Pilot selectable to control image size vs transmission time.	Image Compression	Wavelet or JPEG Ratio Variable from 10:1 to 100:1
Removable compact flash card allows pilot to up/down load images such as satellite photos, maps, Intel data, BDA, etc.	Image Storage	DRAM – 140 Images Compact Flash: size dependent but > 10,000 images
Instant interoperability with all other PhotoTelesis-equipped platforms such as F-14, F-18, P-3, AC-130, OH-58D, AH-64, etc.	Protocol	PTAC protocol is optimized for short over-the-air transmission times.
Organic, "Blue Suit" mod can be done by 2 people in 1 day.	Integration	13 discretes and 2 video lines no A/C OFP mod!
Various form factors can be integrated into almost any host.	Form factor	SEM-E, VME, or PC/104
Meets or exceeds airborne fighter or helicopter environment	Environmental	MIL-STD-810E, MIL-STD-704A, MIL-STD-461
Very little additional weight	Weight	SEM-E < 1 pound, VME < 1 pound (including IDM), PC/104 < 4 oz.
Very low power requirements. Power supplied by host box	Power	≤ 3.6 watts
Supporting Display Types:	Color or Monochrome	
Removable Compact Flash:	Supports pre-mission image loading and post-mission debriefing.	
Other Features:	With ICE S/W, can auto-convert to other formats (JPEG, BMP, NITF, etc.)	



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1615 W. NASA Blvd • Melbourne, FL 32901 • www.symetrics.com
Phone (321) 254-1500 • Fax (321) 259-4122 • prism@symetrics.com

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