

## TACTICAL FLEX DISPLAY

### /// OVERVIEW

POC delivers a cutting edge tactical flex display using electrophoretic technology to provide warfighters with a rugged, non-emissive and body conformal display. Our lightweight, low profile and body conformal **Tactical Flex Display** is designed for providing complete situational awareness during mission execution. Its full color or monochromatic text and video display qualities allows the wearer to view mission data, ISR feeds or moving map displays in full sunlight as well as control selected devices, like Unmanned Ground or Aerial vehicles.

### KEY ADVANTAGES

- Sunlight/NVG readable (320×240)
- Integrated GPS/Map and wireless connectivity
- Low power using bistable display and no backlighting
- Pushbutton operation enables its simplicity
- Pen touch/capacitive glove touch capable
- Compatible with Windows® CE or Android™ OS
- Low profile conformal packaging



### /// FEATURES

Display size	3.8 to 6 in. diagonal or custom sizes
Resolution	320×240
Color	Gray scale or full color
Wired connection	USB 2.0 with 480 Mbps speed
Power consumption	5.7Wh battery for more than 8 hours of operation
Ruggedized	Designed with flexible strain relieved electronics and packaging that can withstand shock and impacts for harsh environments.
Display type	E-ink on polymer substrate, compatibility with direct daylight, night lighting, and Night Vision Goggle (NVG)
Wireless communication	WiFi 802.11 b/g/n
Embedded memory	Embedded memory Up to 64GB; Removable and upgradable
Human interfaces	Touch screen, Small keyboard attachment, buttons
EMI	Well shielded system does not interfere with aircraft flight controls or affected by adjacent electromagnetic influences

## /// SPECIFICATIONS

PRODUCT VARIANT	DISPLAY SIZE	RESOLUTION	COLOR	FRAME RATE	TOUCH AVAILABLE
SBIR SITA	3.8"	320x240	No	8 fps	No
Production SITA	4.7"	640x480	No	1-3 fps (Now), 12 fps (Q1-FY14)	Yes
SBIR FLEXITA	10.7"	800x600	No	12 fps	Yes
Production FLEXITA	10.7"	1280x960	No	12 fps	Yes
Production FLEXITA	6.7"	640x480	Yes	12 fps	Yes



### AVAILABLE CAPABILITY

### SMART DEVICE

### DUMB DISPLAY

Processor	High Performance ARM Processor	Limited Microcontroller
Operating System	Android OS	N/A
Wired Interfaces	USB	USB
Wireless Interfaces	WiFi, Bluetooth, UWBv	WiFi, Bluetooth, UWBv
GPS	Yes (SAASM Optional)	Yes (SAASM Optional)
Removable Memory	Micro SD Card up to 64GB	Micro SD Card up to 64GB