

NEW PRODUCT ANNOUNCEMENT
March 2016 (1.2)

AS_RCT - Remote Control Terminal (RCT)
Based on Panasonic FZ-G1 rugged tablet computer



GENERAL DESCRIPTION

Asine Remote Control Terminal (RCT) is a lightweight portable control unit used in a wide variety of applications, from unmanned vehicle through missile and fire, to sensors and surveillance cameras, UAV flight, and payload control.

Packed in an ergonomic design, for handheld field application, RCT incorporates data communication, computing power, video capturing, and control capabilities. Featuring Panasonic FZ-G1 tablet, with sunlight readable display, Intel Core i5 processor technology and IP65 designed body, the entire package brings powerful control and data and computing solution to the harsh environment of field users, like homeland security, first responders and soldiers.



VIDEO CAPTURING OPTION

Features

- Simultaneous encode/decode/preview in a robust, compact unit
- Low preview latency
- H.264 HP@L3, MPEG-4 ASP, MJPEG video compression
- AAC, G.711 audio compression, uncompressed PCM
- Unicode text and graphic overlay
- Closed caption/VBI support for H.264 streams
- MP4 files can be edited in Adobe Premiere with AV sync preserved
- Transport Stream





COMPUTING

CPU - Fourth-generation Intel® Core™ i5vPro™

System Memory - 1 x 200-pin DDR2 667 SO-DIMM SDRAM 2GB

O/S - Windows 8 Pro 64-bit (with Windows 7 downgrade option)

Display - 10.1" or 7" HD daylight-readable, ten-point gloved multi touch + digitizer

FEATURES

- Ergonomic handheld design
- Choice of materials (Polyurethane, Nylon12)
- Fully integrated solution, including communication, controls and power solutions.
- Designed and built to meet MIL-STD-810F and IP65.
- Choice of standard computer interfaces or MIL-STD connections.

DIMENSIONS AND WEIGHT

- Dimensions: 375x211x86 (including rear connectors)
- Weight – approx. 1.6kg
- Mounting – ¼-20 UNC thread for tripod installation

POWER

Asine RCT does not require any specific power adaptors. The control unit functions entirely on the tablet computer battery, including the controls and communication. Charging port of the tablet computer is available for plug in any time (by removing the sealing door), and is suitable for standard Panasonic supplied chargers.

MIL-STD-1275 24VDC. Charger / standard vehicle charger available as an option.

Asine is a well known innovative designer and manufacturer providing **high grade industrial storage & embedded system solutions**

The AS_RCT is another milestone in Asine's vision to provide its customers with substantial advantages and high reliability products.

This product announcement constitutes an additional breakthrough, boosting its capabilities as a solution provider for the demanding Defense, Aerospace, Industrial and Automotive market sectors. Asine is a traditional player and supplier of those markets, both local and international for the past 15 years.

For further information, kindly contact us at the address below:

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CONTROLS

- Up to 2 joysticks (2 or 3 axis each)
- Optional 5-way pushbutton control
- Up to 2 2-way pushbutton controls
- 4x Front pushbuttons, 2x rear pushbuttons
- Optional up to 2 guarded pushbuttons (on the top side of the unit)
- Optional toggle controls
- All controls use standard Windows API, no additional drivers required.

COMMUNICATION

- USB 2.0 (up to 2 ports)
- RS-232 or RS-422 (up to 2 ports)
- LAN 10/100 or 10/100/1000 (optional)
- Wi-Fi IEEE 802.11 a/b/g/n (optional)