

## CAMC i7-Quad Core

*Compact Airborne Mission Computer*

### Features

- Intel Core i7 3.4GHz Quad Core
- KLV Metadata available
- 16GB DDR3 Memory
- 4 independent HD/SD video inputs
- Auto detects Analog CVBS (NTSC or PAL), 720p30, 720p60, 1080p30, 1080p60 SDI
- H265 Video Encoding
- 4K turret ready
- Support for 3 touchscreen displays
- Internal Gigabit Ethernet Switch
- Embedded Windows 7
- ITAR free
- DO-160 Certified operating at full capacity
- Multiple I/O for interfacing with wide variety of role equipment inc. turrets and radars, LIDAR etc.
- Removeable SSD for mission planning recording and debrief
- Robust and fan-less for silent operation.



The Compact Airborne Mission Computer (CAMC) is a highly effective airborne mission control and information system that is designed, built and supported in the UK by Britannia 2000 Holdings. CAMC is an ideal solution for helicopter, fixed wing, UAVs and other military vehicles and platforms where space, reliability and space are at a premium.

CAMC is optimised for Government and Military airborne requirements offering exceptional performance and versatility in a small package.

CAMC is fitted with a removeable Solid State Drive to store mission sensitive information, which can be securely stored away from the CAMC. The SSD can be used to upload pre-planned flight profiles as well as recording sensor, video and meta data.

Auxiliary inputs are provided to allow the user to integrate equipment such as a keyboard, portable computer or other USB or Ethernet peripherals. Multiple CAMCs can be networked.

A turret interface connection is provided to enable control of a turret via RS232/422 or Ethernet, and to receive video feeds from the turret via a dual Ethernet connection or coaxial video connectors.

CAMC can output video to 3 independent touchscreens allowing users to carry out tasks such as:

- Record and Playback video
- Navigate using mapping and augmented reality software
- Operate the pan/tilt/zoom function of a turret whilst viewing the video feed

Further details are available on request

# Specifications\*

<b>Video Standards</b>	
<b>Video Channels:</b>	4 channels
<b>Encoding:</b>	10bit 4:2:2. Ultra low latency encoding. H265 HEVC
<b>HD-SDI:</b>	720p30, 720p60, 1080p30, 1080p60
<b>SD-HDI:</b>	480i, 576i
<b>Ultra HD:</b>	4K
<b>Analogue:</b>	CVBS NTSC, PAL
<b>Processor and Interfaces</b>	
<b>Processor:</b>	Intel Core i7, 3.4GHz Quad Core
<b>Operating System:</b>	Windows 7, embedded
<b>Environmental and Mechanical</b>	
<b>Temperature:</b>	-20°C ~ +50°C operating
<b>Dimensions:</b>	340mm x 234mm x109mm
<b>Weight:</b>	7.8Kg
<b>Power:</b>	28vdc (Nom) 3.5A
<b>Option:</b>	KLV Metadata

- **Data sheets are subject to change without notice. Please contact the factory for more information regarding interfacing to mission equipment**

