



**The Electronic Flight Bag Preferred by OEMs.**



- Advanced crew applications
- One-touch situational awareness
- Dependable avionics grade hardware
- Best in class, film-on-glass touchscreen
- State-of-the-art processing capabilities
- Certified for Class 2 and Class 3 use

  
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# PilotView® – a dependable Crew Information System for Business Jet, Regional Aircraft and Air Transport Operators

side-mounted installation

## Complete EFB System Solution

The PilotView® system offers a field proven, dependable, paperless cockpit Electronic Flight Bag (EFB) solution for air transport and general aviation operators. The avionics grade aircraft installation components include:

- Pilot and Co-pilot Display Processor Unit (EDU). All EDUs deliver state-of-the-art cockpit display as well as high-end application support, mass storage (64GBytes baseline) and integrated Wi-Fi capabilities.
- Aircraft Interface Unit (EEMU) or Enhanced Switching Module Unit (ESMU) configurations offer a certified interface to aircraft power and data.

- Mounting and EDU to aircraft interface cables.
- Baseline OS and applications as well as a wide range of CMC and third party software options.

All PilotView EDUs can be configured with any version of EEMU/ESMU. EDUs normally have internal batteries, approved per FAA and EASA. The compact and lightweight display/processor unit provides optimum flexibility and is fully functional un-docked or off-board the aircraft.

All components of the PilotView EFB System are qualified to DO160 standards.

## CMA-1410 10.4" Display Processor

PilotView CMA-1410 EDU delivers a 10.4 inch display/processor configuration for larger business jet and air transport aircraft. It shares common mounting and cabling requirements with the CMA-1100 and CMA-1108 EDU products.

### Versatile Display

Comfortable viewing experience at night and in sunlight ambient lighting conditions based on advanced LED and resistant touchscreen AMLCD display configuration.

### Compact Design

Optimized display dimensions make it ideally suited for all



EFB applications, including airport moving map charting, OEM performance packages and documentation. The film-on-glass touchscreen and simple bezel key configuration provide quick access to applications.

## CMA-1100 Mk3 8.4" Display Processor with Integrated Keyboard

The PilotView CMA-1100 Mk3 is the new standard for CMC's line of EFB systems. With the same form factor as the CMA-1100, the Mk3 offers an ideal trade-off between high-end display requirements and cockpit physical constraints.

### Highest Resolution

Superior readability in all lighting conditions and the highest resolution EFB display in its class; (true 0.5 to 800+ nits luminosity range). The Mk3 features new, power-efficient LED backlighting.

### Unique User Interface

With its industry unique integrated FMS-style sliding keyboard, line select and bezel keys as well as its



touchscreen, the CMA-1100 supports various application data entry and navigation capabilities for pilots. When coupled with CMC applications such as Main Menu Suite 2.0, SideView and CMCView, it is a very efficient Crew Information System.

## Aircraft System Integration Options

Operators' application benefits can be maximized when the EFB system interfaces with aircraft systems. These include FMS and GPS units, Video Surveillance systems, File Servers and communication units (CMU, Satcoms).

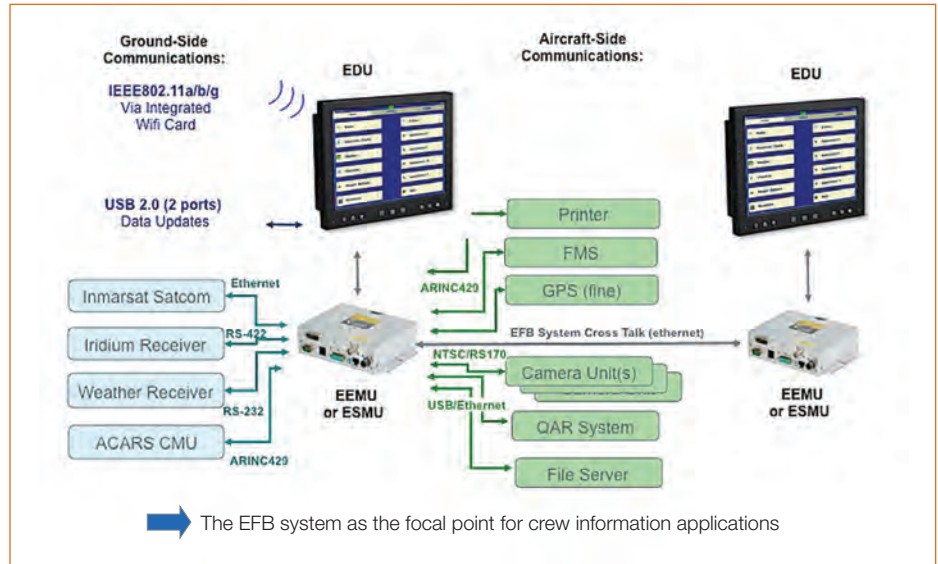
Several EEMU and ESMU product configurations are available to meet these objectives in the same compact form factor and installation footprint. These include:

ARINC429, RS422, RS232, 100BaseT ethernet (4 port switch available with ESMUs), NTSC/PAL video inputs, USB2.0 and discretes.

(\*) Windows 7 available with Duo Core i7 system September 2012.

## Comprehensive Applications and Integration Support

The baseline Windows® XP OS platform (\*) accepts a wide range of both published and customized third-party software applications. Several CMC applications are available to optimize information, communication, data downloading and pilot collaboration in the cockpit. Third-party applications such as Jeppesen, LH Systems LIDO, AMT/Flightman, WxWorx and WSI Weather, UltraNav and other leading suppliers have been tested and integrated for use with PilotView.



## CMA-1108 8.4" Display Processor

The CMA-1108 relies on the same avionics grade, lightweight and rugged platform as the CMA-1100. It offers the best solution for compact cockpit environments with a 2.0 GHz Intel® Duo Core™ i7 processor as baseline.

### Slick Bezel Design

Optimized set of bezel keys and soft keyboard configuration.

### Enhanced LCD

Superior sunlight readability and an optimized LED backlighting delivering 1000 nits in high lighting conditions.



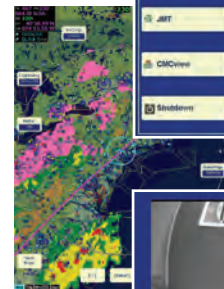
## Application Offerings and Options

Each PilotView EDU is delivered with Windows XP Pro, CMC's Main Menu, Setup Tools and Note Taker. Currently available optional applications include:

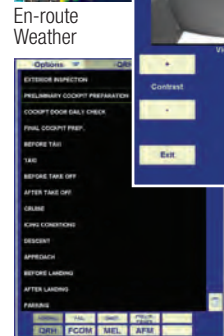
- SideView: provides instantaneous view of the other pilot's screen
- eDocView: PDF, HTML file browser for Operator and OEM documentation
- CMCView: FAA and EASA approved video surveillance application
- Tandem: combines the communication and file processing capabilities of PDAs with the PilotView EFB
- eFlightFolder: customizable flight log application
- En-Route Weather: moving map with real-time Iridium-based datalink



SideView

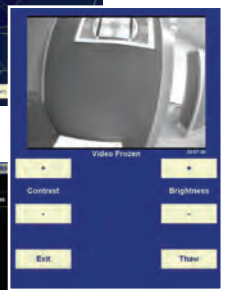


Main Menu



En-route Weather

eDocView



CMCView



## PilotView® System Specifications

	Electronic Display (Processor) Unit			Expansion Module Unit	
	CMA-1410 Mk3	CMA-1100 Mk3	CMA-1108	EEMU	ESMU
<b>Size</b>	9.6" H x 8.0" W x 1.6" D 244mm x 203mm x 41mm	8.5" H x 6.1" W x 1.6" D 216mm x 155mm x 41mm		1.9" H x 6.9" L x 5.4" W 48mm x 175mm x 137mm	2.7" H x 6.9" L x 5.4" W 69mm x 175mm x 137mm
<b>Weight (approx.)</b>	4.0 lb / 1.8 kg	3.5 lb / 1.6 kg		2.0 lb / 0.9 kg	2.4 lb / 1.1 kg
<b>Display</b>	10.4" diagonal AMLCD XGA (768x1024) LED Backlit	8.4" diagonal AMLCD XGA (768x1024) LED Backlit			
<b>Power In</b>	Conditioned 18VDC via EEMU or 110/220VAC Power Adapter			22-30VDC, nominal 28VDC	
<b>Power Consumption</b>	75W max, 40W nominal	75W max, 36W nominal		20W max, 10W nominal	24W max, 14W nominal
<b>Battery Backup</b>	Dual Lithium Batteries (up to 60 minutes)				
<b>Storage (Solid state)</b>	64 GB minimum			40 GB HDD minimum (optional)	
<b>Interfaces</b>	USB 2.0 ports (2) IEEE 802.11 a/b/g/n (Wi-Fi)			ARINC 429 Rx/Tx (2/1) Discrete I/O (4/2) Ethernet 100BaseT (1) RS232 (1), RS422 (1) USB 2.0 (2) Video RS-170/NTSC (optional)	ARINC 429 Rx/Tx (4/2), (8/4 optional) Discrete I/O (4/2), (8/4 optional) Ethernet 100BaseT (4) RS232 (1), RS422 (1), (8/4 optional) USB 2.0 (2) Video RS-170/NTSC (1) (4 optional)
<b>Processor</b>	2.0 Ghz Intel® Duo Core i7™ (*)				
<b>RAM</b>	4 GB DDR3				

(\*) 1.4GHz Intel® Centrino Mobile processor option also supported.

### PilotView Contacts

CMC's EFB products for Business and General Aviation are sold through our worldwide dealer network.

For the location of a dealer near you, please refer to our website for a complete listing.

For all other inquiries, please use the following contacts:

Technical Support: <http://www.esterline.com/avionicssystems/en-us/customersupport/supportrequest.aspx>

Sales & Marketing: [norman.pickering@cmcelectronics.ca](mailto:norman.pickering@cmcelectronics.ca)



  
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References to the various certification levels refer to planned certification. Please contact us for actual certified levels and schedules.  
For information purposes only. To accommodate product improvements, specifications are subject to change without notice.  
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