

# DYNON

## DYNON EMS-D10 ENGINE MONITORING SYSTEM



The EMS-D10 is a ergonomically engineered engine monitor that blends traditional analog gauges with newer digital technologies to provide a user-friendly instrument that enhances safety and peace of mind. With up to 27 separate inputs available, the pilot's workload is significantly reduced as the EMS-D10 continuously monitors all sensor inputs for the powerplant, fuel and other miscellaneous systems and immediately annunciates any abnormality requiring attention.

A multi-page display environment provides pilots with an excellent systems overview coupled with the added capability of presenting additional detail upon demand to optimize overall management of the various systems. Each of the color graphic screen presentations promotes easy visual scanning for interpretation of the current measurements relative to their normal/abnormal operational limits.

### New Design

While the EMS-D10 looks identical to Dynon's popular EFIS-D10A series of Electronic Flight Information Systems, it is not the same instrument nor simply a software upgrade but a totally new and separate dedicated instrument. To keep the look and feel of the EFIS series, the EMS-D10 utilizes the identical sunlight visible, color display, keypad and bezel that preserves the look and feel while additionally allowing greater panel uniformity. Once past the common user interface, the electronics support are very different between the EFIS series and EMS-D10 engine monitoring system.

**Features:** • Multiple Color Graphic Displays • Rapid Hotkey Page Switching • EGT Peak Detection • User-Defined Limits/Color Ranges • Audio & Visual Alarms • System Clock & Timers • User-Configurable Displays • Laptop-Free Sensor Setup/Calibration • English & Metric Units • Monitors up to 4 Fuel Tanks • Fuel Computer • Data Logging/PC Analysis • Ergonomic Design • User-Friendly Softkey Menus • Adjustable Screen Brightness  
Dynon three-year factory limited warranty ..... P/N 10-01160..... **\$1,700.00**

### COMPLETE ENGINE PACKAGES

(EMS-D10 Engine Monitor, engine sensors and 2 wiring harnesses)

Description	Part No.	Price
EMSKIT-L4C, 4 Cylinder Lycoming / Continental Package (Carbureted)	10-01161	<b>\$2,495.00</b>
EMSKIT-L4F, 4 Cylinder Lycoming / Continental Package (Fuel Injected)	10-01162	<b>\$2,435.00</b>
EMSKIT-L6C, 6 Cylinder Lycoming / Continental Package (Carbureted)	10-01163	<b>\$2,595.00</b>
EMSKIT-L6F, 6 Cylinder Lycoming / Continental Package (Fuel Injected)	10-01164	<b>\$2,585.00</b>
EMSKIT-RTX, 4 Cylinder Rotax 912 / 914 Package	10-01830	<b>\$2,070.00</b>
EMSKIT-J22, 4 Cylinder Jabiru 2200 Package	10-01832	<b>\$2,250.00</b>
EMSKIT-J33, 6 Cylinder Jabiru 3300 Package	10-01834	<b>\$2,365.00</b>

### EMS OPTIONS

Description	Part No.	Price	Description	Part No.	Price
Capacitance to Volt Converter	10-02159	<b>\$50.00</b>	D10 Flush Mount Bracket	10-00757	<b>\$20.00</b>
Fuel Flow Sensor	10-01165	<b>\$194.00</b>	EGT Thermcouple Ext Wire	10-01167	<b>\$0.12</b>
USB-Serial Converter	10-01824	<b>\$20.00</b>	CHT Thermcouple Ext Wire	10-01168	<b>\$0.13</b>

## DYNON SV INTERCOMS



For ALL experimental and light sport aircraft. Ample inputs for EFIS systems, stereo music, and all the other technology in your panel. High-Fidelity Audio Circuitry, Dual Radio Support, Fail-safe between the pilot headset, Horizontal and Vertical faceplates are both included; headset jack kits also included. Selectable Auto Mute, and Independent Intercom Voice Activation.

### Specifications:

- Muting Inputs: 1x stereo, differential, noise-rejecting music input, with panel-mounted music jack override. 1x mono input for additional muting source
- Non-muting Inputs: 1x stereo, differential, noise-rejecting EFIS input. 3x mono inputs for radios and other avionics. One of these is fail-safed to the pilot headset
- Headsets: 2x stereo headsets supported
- Radio Outputs: 2x com radio outputs. External PTT selector required
- Dimensions: 3.5" (89.71mm) x 1.80" (45.72mm) x 4.18" (106.17mm)
- Weight: 7.2 oz (204g)
- Input Voltage: 10-30V DC
- Power Usage: 0.1A at 14V

Vertical Mount..... P/N 10-05254..... **\$285.00**

## DYNON SKYVIEW SV-COM-X25/H COM RADIO



By integrating deeply with your Dynon SkyView system, the SkyView COM Radio tunes frequencies by airport and station type - rather than by spinning in a number - at the touch of a button. You can also send frequencies over from the SkyView map airport info pages. For when you're feeling

nostalgic (or are following ATC instructions), a dual concentric knob lets you spin in frequencies "the old fashioned way." SkyView will identify the airport and station type as you tune to help ensure you're talking to the right radio station. Dynon SV-COM-X25 has 25 kHz channel spacing only. Experimental Only.

Horizontal Mount ..... P/N 10-07076 ..... **\$1,255.00**  
Vertical Mount..... P/N 10-07075 ..... **\$1,255.00**

## DYNON SKYVIEW VHF COM RADIO SV-COM-X83



By integrating deeply with your Dynon SkyView system, the SkyView COM Radio tunes frequencies by airport and station type - rather than by spinning in a number - at the touch of a button. You can also send frequencies over from the SkyView map airport info pages. For when you're feeling

nostalgic (or are following ATC instructions), a dual concentric knob lets you spin in frequencies "the old fashioned way." SkyView will identify the airport and station type as you tune to help ensure you're talking to the right radio station. The SV-COM-X83 adds 8.33 kHz channel spacing. Experimental Only.

Horizontal Mount ..... P/N 10-05771 ..... **\$2,130.00**  
Vertical Mount..... P/N 10-05770 ..... **\$2,130.00**

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