

iFDR Power 150/250 Series USB Power Ports

IFDR150/250-101 | IFDR150/250-201 | IFDR150/250-301



iFDR150-101 / 250-101

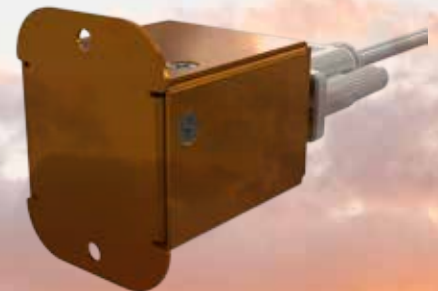
Panel Mount Single (150) or Dual (250)
2.7 Amp USB-A Port

Both are available with an optional
round faceplate to fit an existing
12v lighter socket panel opening.



iFDR150-301 / 250-301

Remote Mount Single (150) or Dual (250) 2.7
Amp Power Supply for iFDR Panel Mount
Units for iPad Mini & iPad Air / Pro 9.7-in



iFDR150-201 / 250-201

Remote Mount Single (150) or Dual (250)
2.7 Amp Power Supply

AUTHORIZED FOR INSTALLATION IN CERTIFIED AIRCRAFT

The **iFDR Power 150 and 250** series of single and dual cockpit panel and remote mounted USB power / charging ports are designed to provide reliable power for many consumer products with USB charge capabilities such as smartphones and tablets. All iFDR Power 150/250 models convert aircraft power from 9-48 volts to provide a reliable 2.7 Amp connections at 5 VDC \pm 0.25 at 12 Watts per port and feature EMI shielding and reverse polarity protection.

The iFDR Power 150/250 series may be ordered in four different configurations: -101 to add panel mounted USB-A ports in your cockpit in either a .79 inch square opening or a round opening to replace an installed 12v lighter socket; -201 for a remote mounted position to add discreet USB power where you need it; and the -301 that is designed to mount directly on and power the iFDR series of Panel Mounts for iPad and iPhone products.

Approved for installation in CFR Part 23 aircraft and Part 27/29 rotorcraft as "Non-Required Safety Enhancing Equipment" (NORSEE) requiring only a logbook entry as a Minor Alteration.

SPECIFICATIONS

OUTPUT CURRENT	2.7 Amps (12 watt) Each Port
INPUT VOLTAGE	9 - 48 VDC
OUTPUT VOLTAGE	5 VDC \pm 0.25 per port
WEIGHT	2.6 oz (150) / 4.2 oz (250)
DIMENSIONS	1.5" W x 1.5" H x 2.1" D
WARRANTY	One Year Limited
BACKLIGHTING	Green LED
SAFETY	EMI Shielded & Reverse Polarity Protected



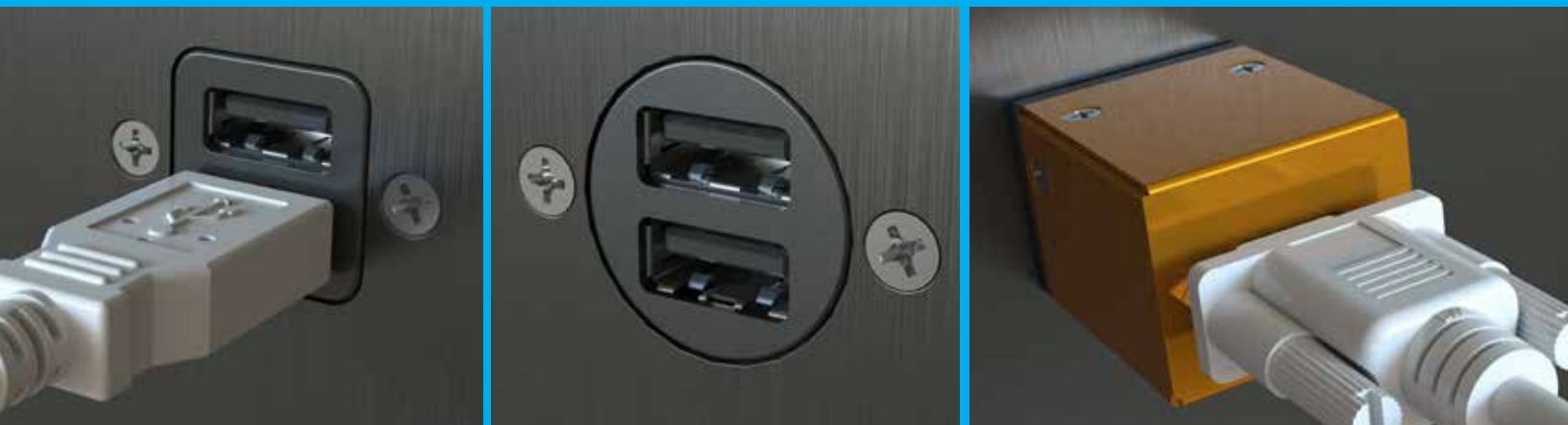
Guardian Avionics
1951 East Airport Drive
Tucson, Arizona 85756 USA

520.889.1177 main
sales@guardianavionics.com
www.GuardianAvionics.com

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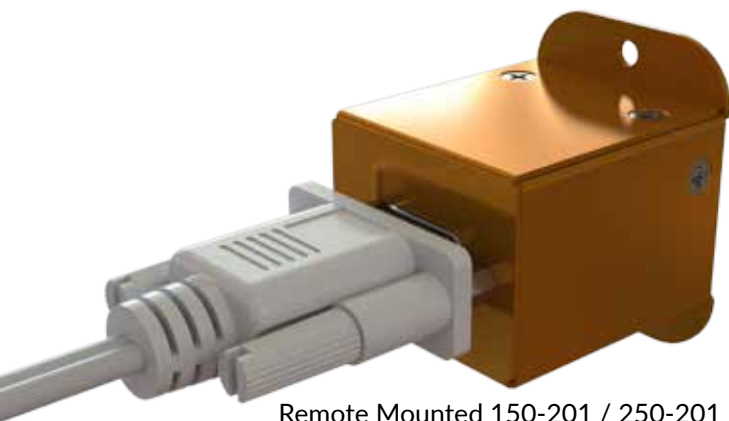
For FAA Certified or Experimental Aircraft



Panel mounted 250-101 installed (left), 12v socket / cigarette lighter replacement (center), and behind the panel (right)

POWER FOR YOUR iPad MOUNT

The **iFDR Power 150-301** or **250-301** Remote Mount Power Port exclusively mounts directly on the iFDR Panel Mount for iPad Mini and iPad Air / Pro 9.7-in units produced by Guardian Avionics.



Remote Mounted 150-201 / 250-201



Remote Mounted 150-301 on iFDR Panel Mount

EASY INSTALLATION AND INTEGRATION

All **iFDR Power 150/250** Power Ports utilize a 15-pin power and ground for simple installation. Each unit has been designed with a feedback loop to keep the current stable.

Model Number	Type	Description	Dimensions
IFDR150-101S	Panel	Panel Single 2.7 Amp USB Supply / Port - Square Face	1.5" W x 1.5" H x 2.1" D
IFDR150-101R	Panel	Panel Single 2.7 Amp USB Supply / Port - Circular Face	1.5" W x 1.5" H x 2.1" D
IFDR150-201	Remote	Remote Single 2.7 Amp Power Supply	1.5" W x 1.5" H x 2.1" D
IFDR150-301	Remote	Remote Single 2.7 Amp Power Supply for iPad Mounts	1.5" W x 1.5" H x 2.1" D

Model Number	Type	Description	Dimensions
IFDR250-101S	Panel	Panel Dual 2.7 Amp USB Supply / Port - Square Face	1.5" W x 1.5" H x 2.1" D
IFDR250-101R	Panel	Panel Dual 2.7 Amp USB Supply / Port - Circular Face	1.5" W x 1.5" H x 2.1" D
IFDR250-201	Remote	Remote Dual 2.7 Amp Power Supply	1.5" W x 1.5" H x 2.1" D
IFDR250-301	Remote	Remote Dual 2.7 Amp Power Supply for iPad Mounts	1.5" W x 1.5" H x 2.1" D

Installation Details and Purchasing Info at: GUAV.CO/IFDRUSB