

# Predator II-GRF™

DVI-I Multi-Image Display for Professional AV, Government and Control Room Applications



Based on the popular Predator II-GX™ multiviewer architecture, the Predator II-GRF is a computer graphics inputs-only HD multi-image display solution that is ideal for analog and digital PC sources. The system is available with a range of options and input sizes — from four or eight DVI-I inputs in a 1RU form factor, to 12 or 16 DVI-inputs in 2RU. It features auto-sensing support for multiple resolutions on DVI-I inputs, easy-to-use editing software, clear onscreen clock and timers and customizable backgrounds.

Capable of driving two independent displays at HD resolutions from a single system, the Predator II-GRF allows the display of complex layouts and offers flexible graphical positioning — making it a sophisticated, yet cost-effective, multiviewer solution for demanding 24/7 applications in Pro AV, control or situation room systems, and tactical and emergency operations centers.

## FEATURES

- Two DVI-I outputs driving two independent displays at resolutions of up to 1920 x 1080 (up to 1920 x 1200 in single-head mode)
- Support for DVI and VGA inputs via DVI-I interface
- Standard intuitive Z-Configurator™ software with easy-to-edit templates
- Fast recall with up to 10 layouts on one system
- Multiple clock displays in different formats, with options to sync to LTC, NTP or PC time sources
- Simple labeling for each window
- Stylish window borders with a choice of themes
- Up and down timer support with various trigger options
- Ability to download custom bitmaps for information display or branding

The Predator II-GRF multiviewer is available in a range of models capable of auto-detecting 4 to 16 DVI, VGA or HDMI sources (external connector adapter required for VGA and HDMI sources, HDCP not supported).

## PRODUCT DETAILS

### **The Perfect Solution**

Designed for demanding applications in 24/7 situation and control rooms, the Predator II-GRF is the perfect high-performance graphic multiviewer solution for:

### **Professional AV**

With its compact size, easy-to-use software, and ability to easily store and recall setups, the Predator II-GRF multiviewer is well-suited for Pro AV applications requiring the display of multiple PC sources (e.g., in meetings and for conferencing), as well as for distance learning or corporate control room applications.

### **Government**

In Tactical Operation Centers (TOCs), Emergency Operation Centers (EOCs), or Military Command Centers, the Predator II-GRF multi-image processor can be used to view information from a variety of computer sources, as well as display vital information, transmission data and equipment streaming sources.

### **Network Operation Centers (NOCs)**

NOCs are required to manage, control and monitor a large quantity of data, as well as arrange and monitor outputs from numerous PCs and test and control equipment. The Predator II-GRF is a powerful tool ideally suited for this unique and mission-critical environment.

### **Educational Facilities**

The Predator II-GRF offers the ability to quickly and easily display information from numerous PCs, making it an excellent display tool in educational facilities. Featuring quick-recall presets, the Predator II-GRF allows selection of different window layouts to change displays, as well as to add and remove sources.

## IMAGES/DIAGRAMS

**PredatorII-GRF4-1RU Rear View**



**PredatorII-GRF8-1RU Rear View**



**PredatorII-GRF12xDVI-I2RU Rear View**



**PredatorII-GRF16xDVI-I2RU Rear View**



## SPECIFICATIONS

Specifications and designs are subject to change without notice.

### Graphic Inputs

Input Type	DVI-I (DVI-D or RGBHV via adaptor)
Number of Inputs	1RU: 4, 8 2RU: 12, 16
Input Resolution Auto-Detecting	From 800 x 600 up to 1920 x 1200

### Display Outputs

Operates as a single- or dual-output system to give any mix of inputs across two displays

Output Type	10-bit DVI or RGBHV (via adaptor) output
Number of Outputs	2 — duplicate (in single-output mode) or dual output
Connector	DVI-I Connector
Output resolution	Single-output display mode: user-programmable up to 1920 x 1200

Dual Head display mode: user-programmable up to 1920 x 1080

**Control/Operation**

System	Front-panel LCD menu, on-screen display
Software	Z-Configurator layout configuration software
Serial Interfaces	1 RS-232 port 1 RS-232/422 port (user-selectable)
Ethernet	Ethernet control, via RJ-45

**Physical**

Dimensions (W x D x H)	1RU: 18.8 x 15.1 x 1.7 in. (480 x 386 x 44 mm) 2RU: 18.8 x 15.1 x 3.4 in. (480 x 386 x 88 mm)
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Weight	ZP2-GRF4-FR1RU: 9 lbs (4.1 kg) ZP2-GRF8-FR1RU: 10.3 lbs (4.7 kg) ZP2-GRF12: 20.7 lbs (9.4 kg) ZP2-GRF16: 22.9 lbs (10.4 kg)
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<b>Power</b>	Auto-detected of 100 or 240 V and within 47/63 Hz; uses a 2.2 A fuse; single mains power adaptor (supplied)
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**Environmental**

Operating temperature	32° to 95° F (0° to 35° C), storage is 32° to 122° F (0° to 50° C), humidity 70% max
Front Panel	6 configuration/menu buttons
Rear Panel	Power on/off Rear I/O 4, 8, 12, 16, DVI-I inputs
Compliance	CE product emission standard EN 55 022:1994 CE generic immunity standard 50082-1:1992 (as per the EMC directive 89/336/EEC) FCC Class A digital device, pursuant to part 15 of the FCC rules; RoHs-compliant

**Graphics Overlay**

Ability to download bitmaps for logos on screen  
Stylized video window skins  
In-picture embedded audio bargraphs  
2 analog clocks  
6 up/down timers  
6 digital clocks

**ORDERING INFORMATION****System**

ZP2-GRF4-FR1RU	High-resolution 4-channel 1RU DVI-I multiviewer system
ZP2-GRF8-FR1RU	High-resolution 8-channel 1RU DVI-I multiviewer system
ZP2-GRF12	High-resolution 12-channel 2RU DVI-I multiviewer system
ZP2-GRF16	High-resolution 16-channel 2RU DVI-I multiviewer system

Z-Configurator software included as standard

**Options**

ZP2-PSU2	Redundant power supply (2RU models only)
Z-DVI-RGB	RGB (socket) to DVI-I (plug) adaptor for conversion between DVI-I and RGB
Z-DVI-EXT	DVI FM extender to extend DVI display up to 2000 ft. away from source (from Gefen: EXT-DVI-FMP); 1 per output
NUCLEUS-MV	2RU network control panel for Predator II-GX
NUCLEUS-MV-DM	Desk mount network control panel for Predator II-GX

**CONTACTS**

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