

PRG Nocturne® V-18 LED Video Module

The PRG Nocturne V-18 LED Video module, with 18mm pixel pitch, is a lightweight, yet rugged, purpose-designed unit for fast-deployment in flexible configurations. It is an ideal video solution for all markets applications including concert touring, corporate events and theatrical applications. Since the V-18 doesn't use shaders or hoods, it provides very wide viewing angles, allowing for use in an extensive range of venues and seating configurations. Using Nichia 3 in 1 SMD LEDs, the V-18 features a pixel pitch of 18mm for mid-resolution applications and offers superior imaging.

The V-18 is designed for use with a quick-deployment touring frame, which allows for rapid deployment and efficient disassembly. Its modular design makes the product lighter and easier to hang in more configurations as well as making it easier to quickly service in the field. Using industrial magnets, individual modules can be quickly and easily removed and replaced without the need for tools. The PRG Nocturne Touring Frame is available in different panel sizes for custom-sized LED configurations.

The V-18 LED video module is precisely color calibrated for accurate module-to-module matching throughout the life of the units. In-house color calibration ensures consistent color matching and a superior image for your productions. The V-18 is built and calibrated in the USA, as is the entire range of PRG Nocturne LED video products.

Universal Processor

All PRG Nocturne LED video products use the same processor reducing the need for multiple processors when mixing any of our V-Series LED video modules.



Features

- SUPERIOR IMAGING
- COLOR CALIBRATED
- RAPID DEPLOYMENT TOURING FRAME FOR EFFICIENT INSTALLATION AND DISASSEMBLY
- LIGHTWEIGHT, YET RUGGED
- FLEXIBLE SIZES OF TOURING FRAMES FOR CREATIVE DESIGNS
- 2,000 NIT BRIGHTNESS (CALIBRATED)

Specifications

PIXEL PITCH (TRUE PITCH):	18.66 mm
PIXEL CONFIGURATION/TECHNOLOGY:	3 IN 1 (RGB) SMD
LED BRAND:	NICHIA
VIDEO PROCESSING:	16-BIT
COLOR PROCESSING:	16-BIT
DIMMING CAPABILITY:	12-BIT (4,096 LEVELS)
COLOR TEMPERATURE:	3,000-9,500K (PROGRAMMABLE)
CALIBRATION:	PIXEL TO PIXEL/MODULE TO MODULE FOR EACH COLOR
SCANNING SPEED:	480HZ TO 5,400HZ (PROGRAMMABLE)
REFRESH RATE:	240HZ TO 2,700HZ (PROGRAMMABLE)
HORIZONTAL VIEWING ANGLE:	170°
VERTICAL VIEWING ANGLE:	170°
CONTRAST RATIO:	1,000 TO 1
SERVICE ACCESS:	FRONT & REAR (MAGNETIC MOUNT)
WHITE BRIGHTNESS @ 6,500K:	TYPICAL 2,000 NITS (Cd/m ²) (PROGRAMMALE)

PRG Nocturne® V-18 LED Video Module Specifications (continued)

MAX BRIGHTNESS:	3,500 NITS (Cd/m ²)
TRANSPARENCY:	13%
MODULE SIZE (in/mm) W x H:	17.64 x 17.64 (448 x 448)
WEIGHT PER MODULE:	7 lbs (3.2 kg)
WEIGHT PER M ² :	26.1 lbs (11.84 kg)
PIXEL DENSITY/MODULE CONFIGURATION:	576 LEDs per tile (24 x 24)
PIXELS PER SQUARE METER:	2,872 pixels
IP RATING, FRONT/BACK:	IP65/IP63
HUMIDITY PROOF:	YES
DATA INTERCONNECT:	FIBER/COPPER
AC POWER INPUT:	100 - 240V
MAXIMUM POWER PER MODULE:	150 Watts
MAXIMUM POWER PER M ² :	500 Watts
TEMPERATURE RANGE:	32 - 113°F (0 - 45°)



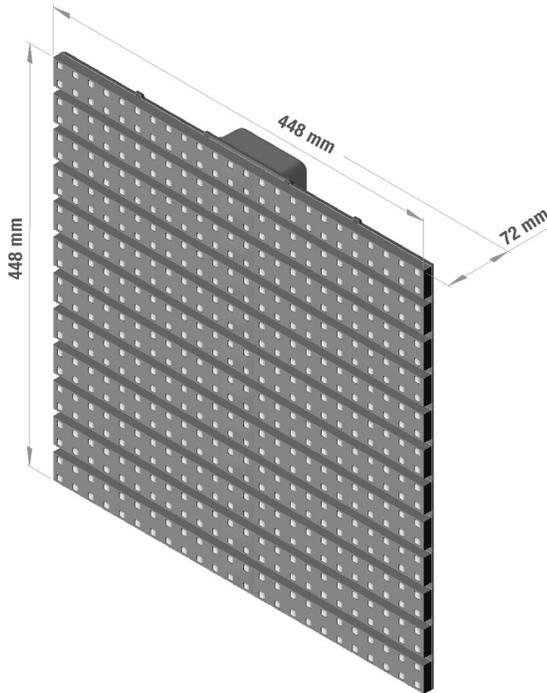
TOKYO
SHANGHAI
MELBOURNE
SYDNEY
ADELAIDE
LONDON
BIRMINGHAM
MAIDSTONE
HAMBURG
COLOGNE
FRANKFURT
MUNICH
BERLIN
DÜSSELDORF
BRUSSELS
PARIS
UTRECHT
MADRID
ZURICH
CAPE TOWN
BUENOS AIRES
NEW YORK
NEW JERSEY
WASHINGTON DC
TORONTO
DETROIT
CHICAGO
DEKALB
ATLANTA
ORLANDO
NEW ORLEANS
DALLAS
DENVER
LAS VEGAS
LOS ANGELES

WWW.PRG.COM

©2012 PRODUCTION RESOURCE GROUP, LLC. ALL RIGHTS RESERVED. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

VERSION: FEBRUARY 2012

Dimensions



WIDTH:
17.64 in (448 mm)

HEIGHT:
17.64 in (448 mm)

WEIGHT:
7 lbs (3.2 kg)