VX7i-DK

VX7i Deluxe Kit QUICKSTART GUIDE

What's included

☐ 1 x VX7i Monitor
☐ 1 x AC Adapter
☐ 1 x Camera Shoe Mount
☐ 1 x Hard Case
☐ 1 x DV Battery, Battery Plate,   ○ BP2-S   Sony "L" Series
    & Charger (Check one)   ○ BP2-C   Canon "900" Series
      ○ BP2-P   Panasonic "D54" Series

Checked by

CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period has expired.
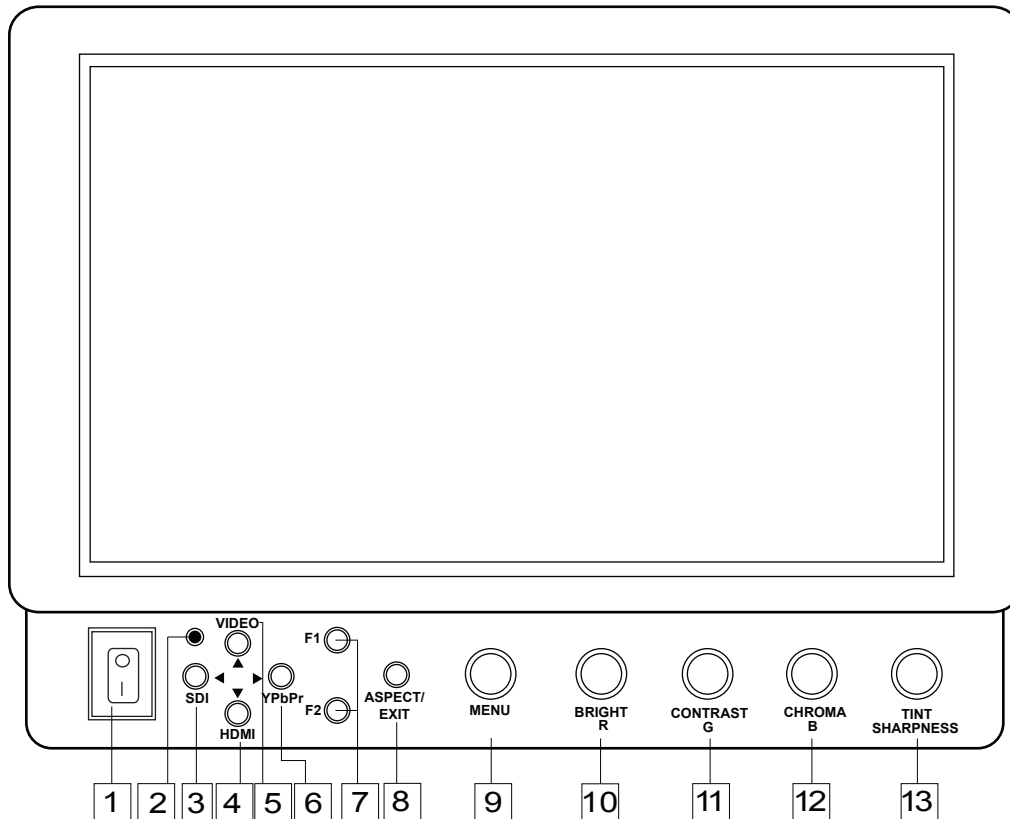
Free Service will not be Provided in the Following Situations: (* Even if the product is still within the warranty period.)
- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors etc.

VX7i-DK
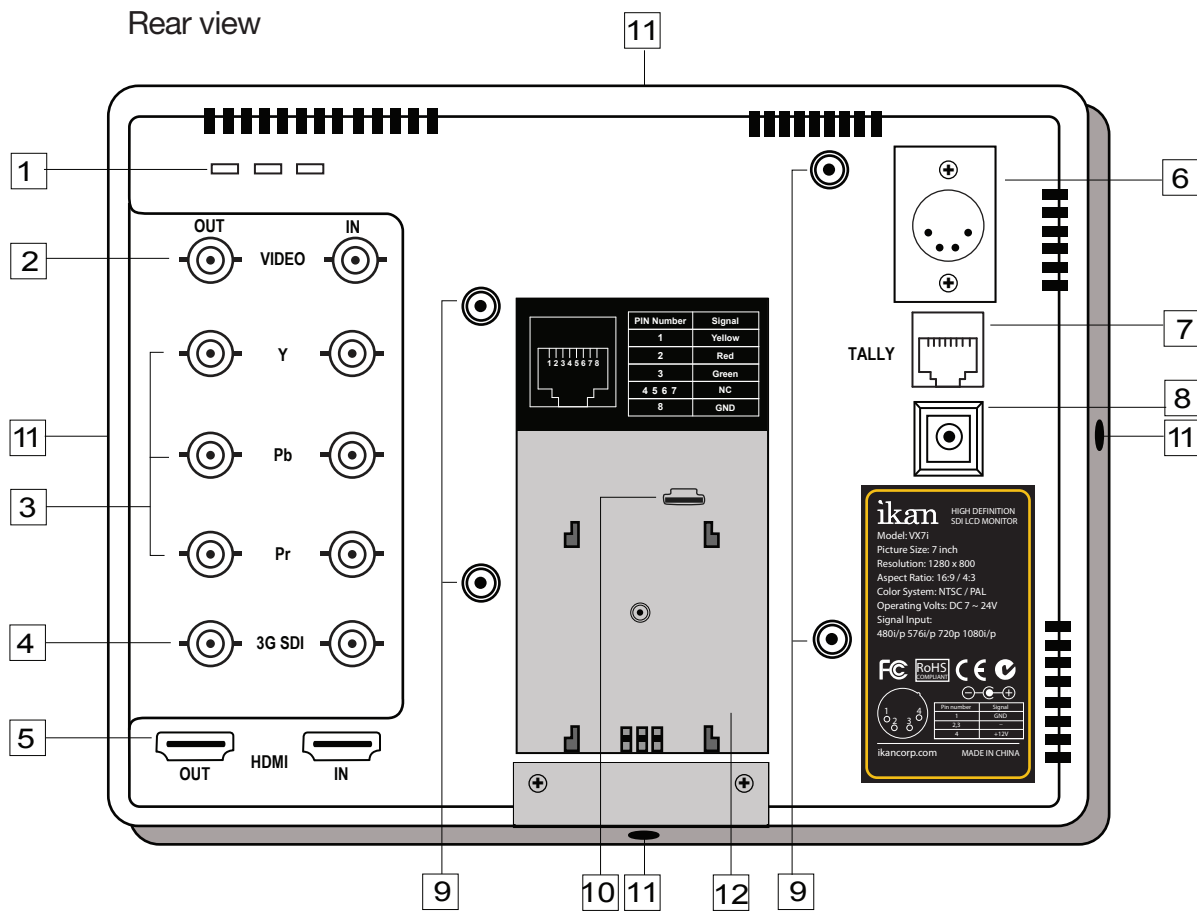## VX7i Deluxe Kit QUICKSTART GUIDE

Front view

1 **Power Switch**
Power ON / OFF

2 **Power Indicator Light**
When the power is ON, the LED green lights up

3 **SDI / ◀ Button**
Serial digital interface input (HD/SD compatible) input

4 **HDMI / ▼ Button**
High-Definition Multimedia Interface input

5 **VIDEO / ▲ Button**
Video input

6 **YPbPr / ▶ Button**
Analog Component or RGB input

7 **F1 & F2 Buttons**
Function key actions are selected in the menu

User programmable function buttons. For quick access, the user may program the F1 and F2 buttons to enable frequently accessed monitor features.

8 **ASPECT/EXIT Button**
Aspect: 16:9, 4:3, Full
In MENU, it is to exit the menu

9 **MENU Button**
Access to the main menu.
In MENU, push button to select menu setting

10 **BRIGHT/R Knob**
Adjust brightness 0 - 100 (50)
Adjust red channel

11 **CONTRAST/G Knob**
Adjust contrast 0 - 100 (50)
Adjust green channel

12 **CHROMA/B Knob**
Adjust chroma 0 - 100 (50)
Adjust blue channel

13 **TINT/SHARPNESS Knob**
Adjust tint 0 - 100 (50)
Adjust sharpness 0 - 100 (10)

VX7i-DK
VX7i Deluxe Kit QUICKSTART GUIDE

Rear view

PIN Number	Signal
1	Yellow
2	Red
3	Green
4 5 6 7	NC
8	GND

ikan HIGH DEFINITION SDI LCD MONITOR
Model: VX7i
Picture Size: 7 inch
Resolution: 1280 x 800
Aspect Ratio: 16:9 / 4:3
Color System: NTSC / PAL
Operating Volts: DC 7 ~ 24V
Signal Input:
480i/p 576i/p 720p 1080i/p

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1   **TALLY Indicator Lights**

2   **VIDEO terminal (BNC)**
IN : Composite signal input terminal
OUT : Input signal through-out terminal

3   **YPbPr terminal (BNC)**
IN : Component signal input terminal
OUT: : Input signal through-out terminal

4   **3G SDI terminal**
IN : 3G SDI input terminal
OUT: : Input signal through-out terminal

5   **HDMI terminal**
IN : HDMI input terminal
OUT: : Input signal through-out terminal

6   **DC 12V-24V power terminal**
XLR DC Connection

7   **TALLY Input Connector**
RJ45 Connection

8   **DC 6-24V power terminal**
Standard DC Connection

9   **Pro Battery Plate Mounting Holes**
To attach pro battery plate adapter

10   **USB terminal**
For factory service use only

11   **¼-20 Threaded insert (on four sides of monitor)**
Mounting Monitor

12   **DV Battery Plate Slot**
Mounting ikan DV battery plate

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CONFIGURATION OF SETTING MENUS

GUIDES

Guides Full	OFF / 90% / 80% / 4:3
Guides 16:9	OFF / 90% / 80% / 4:3
Guides 4:3	OFF / 90% / 80%
G. Background	Normal / Half / Black
Crosshair	Off / On
Return	

Display a crosshair on the center of screen.

VIDEO CONFIGURATION

Brightness	0-100
Contrast	0-100
Chroma	0-100
Sharpness	0-100
Tint	0-100
Color Temp.	5600K / 6500K / 9300K / Manual
Auto	
Return	

This function recalls user defined values settings .The user setting will remain in memory indefinitely and can be erased by using the reset option in the main menu.

SYSTEM CONFIGURATION

OSD Language	English / 简体中文
OSD Duration	5-60
Menu Setup	User1-5
Backlight	5-100
DSLR Auto Scaling	Off / Full / 16:9 / 3:2
System Reset	
Return	

The DSLR Scaling[1] function will allow users to extend their DSLR camera's HDMI video output any option of four – Normal, 3:2, 16:9 or Full Screen – convenience made simple.

As an additional tool associated with the VX7i's False Color feature, ikan's exclusive Adjustable Under Exposure and Over Exposed Waning feature gives the operator full control of the VX7i False Color brightness values. By setting the preferred IRE exposure limits, the operator is warned when the image exposure is exceeding or falling under the preset IRE limit, providing customizable, full image exposure control.

FUNCTION SETUP

Luma Under Warn
Luma Over Warn

F1 Key	Peaking
(Same As	False Color
F2 Key)	Clip Guide
	Underscan
	DSLR Scaling
	Check Field
	Pixel
	Window 1
	Window 2
	HV Delay
	Guides
	Crosshair

The VX7i is equipped with Monochrome Peaking features which highlight the desired focus area in a bright, red outline. The operator adjusts the focus control until the red indicator outlines on the desired area are razor sharp, indicating optimal focus. For the best results, be sure the subject is properly exposed.

The False Color feature utilizes a full spectrum of assigned color indicators, ensuring flawless shot exposure. As the camera Iris is adjusted, the subject of the image will change color based on specific brightness values indicating optimal exposure. See included chart for color assignments.

The VX7i offers adjustable upper Clip Guide levels to accurately display overexposed images in any shooting condition. The operator simply assigns the upper IRE to their preference and any exposure over the set IRE limit will flash in a vivid purple, indicating only the over exposed area.

EXIT

User programmable function keys. For quick access, the user may program the F1 & F2 buttons to enable frequently accessed monitor features via the main monitor configuration menu.

Allows to see the image in monochrome or only the red, blue, or green channels.

The LCD panel in this display has a native display of 1280 x 800 pixels. A signal of any other resolution is scaled to fit this native resolution. There may be time when it is desired to view the incoming signal without scaling. Enabling Pixel to Pixel mode turns off the scaling and displays a 1280 x 800 pixel window of the original image. Each pixel of the panel displays one pixel of the original image. The user may use the scroll wheel on top of the monitor to move the window left, right. Push the scroll wheel again to toggle up and down.

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FEATURES

- 1280 x 800 Resolution IPS LCD Panel
- Looping HDMI, Component, and Composite I/O
- False Color - Adjustable Under Luminance & Over Luminance Warning
- Clip Guide - Adjustable Threshold
- Peaking Red outline
- Under scan
- Color Temperature Presets (9300K/6500K/5600K)
- Guides (4: 3 & 16:9 Framing Safe Area)
- Check Field (Blue gun, red, green, mono)
- Side-By-Side Freeze Frame
- H/V Delay
- Aspect Ratio (FULL / 16: 9 / 4: 3)
- 5 user-defined group
- RGB Adjust
- Resolution support - 480i/p ; 576i/p ; 720p24hz 25hz 30hz 50hz 60hz 24hzsf 25hzsf; 1080i/p 24hz 25hz 30hz 50hz 60hz 24hzsf 25hzsf
- On-Screen Tally System
- DSLR scaling
- Moveable pixel-to-pixel

SPECIFICATIONS

Screen Size:	Diagonal 7" LCD
Resolution:	1280 x 800
LCD Brightness:	400 NIT
Viewing angles:	170(H) 170 (V)
Operating Volts:	DC 6 to 24V
Power Consumption:	7 Watt
Video Inputs:	HDMI, Component, Composite, 3G-SDI
Video Outputs:	HDMI, Component, Composite, 3G-SDI
Dimension:	5.5"H x 7.2"W x 1.2"D
Weight:	1.2 lbs