Add falcon Christmas site/link on the first page of manual.

Introduction

Add the Falcon Christmas usernames to the real names.

Page 2

“(36 P10 or 15 P5 panels) or 2 strings of pixels (approximately 1600 pixels per string at 20 fps, 800 pixels per string at 40 fps.)” Up to 36 P10 etc. 2 strings using standard output or 24 with dpi pixel

FPP will also run on some of the Orange Pi’s with no GPIO outputs and can also be ran on Pi compute modules

Page 3

“free to use”---- with exceptions

“In 2021, FPP received a major overhaul, Dan Kulp, ” In 2021 FPP received a major overhaul. Dan Kulp

Page 8. The BBG wireless can’t be used with capes? I have seen Sarah Dods (maybe) on FB recently post that she had 1 of my HE123Mk2 I think it was going with a BBGW

Page 9.

Since FPP changed to an image and had to be burned I don’t think it is needed to do the format process any longer. I know I haven’t formatted in years.

Page 11.

Do any of the burning softwares require unzipping?

With some versions of windows and the permisions that they have it is often necessary to right click the zip file and unblock the file. Failing to do this will give you writing errors with balena etcher.

Format required? FPP burns a FAT file systems as well as a linux system so pretty sure the format is redundant.

Page 15

Format?

Page 19

Pi Zero (in addition to Pi Zero W) can be usb tethered?

Page 19 and elsewhere. I’ve never had to hold the boot button down on a BBB. Installed 1.9, 2.0, 3.5 and other versions on lots of BBBs and a few BBG’s

Page 22

192.168.8.1 always?????

Page 25

Explanation that the “grow file system” increases the size of the file system from the 4GB image size to the full size of the micro sd card which allows all of the additional storage to be used. Without “growing” the file system there will be very limited space for sequences and media.

Page 30

Explain that 8.8.8.8 is 1 of Googles free dns servers. 8.8.4.4 is the other . You can also use your own isp’s dns server

Having a dns server is vital if the FPP instance is to connect to the internet for time or for updates from github

Page 36

Green question mark is blue??

Page 46

Bridge is mentioned maybe for first time with no explanation.

Page 48

FPP can now do some sort of dhcp ??????

Page 58

DPI pixels allows onboard audio on Pi.

BBB audio via hdmi???

Page 60

The RTC must have the battery installed

Page 67

No explanation of what bridge is. See page 46 note

Big skipped section as I know nothing of scripts etc. I’ll read this section to learn a bit at a later date

Page 108

Xlights will send as whatever format it is set to and not default to DDP???

Page 109

The universe size can be virtually anything up to 512 depending on how it’s configured in xlights. I’ve seen 36 channels in a universe ☹

The FPP connect and controller upload features in xlights can populate all this stuff. Noted later in manual

Page 119

There will be more cape types added. My HE123 should be on there and I will have 1 or 2 more shortly.

Page 120

P10 and P5 are the 2 most common but others like P4 and maybe P2.5 are used as well. It’s possibly just the x/y dimensions and scan rate that are needed.

Page 131. Last page read

On Raspberry Pi and default initial startup FPP may announce the IP via audio output. I have no idea if it still does this as the only Pi I have connected to audio is running 1.5

DHCP not explained as to what it is and that a router assigns IP address but a computer doesn’t

FPP will kinda run “bridge” mode whenever it gets data from an external source that matches the channels that it has configured.

Explanation of what the different zip files are on github and what they do.

FPPD stands for Falcon Pi Player Daemon which is the main control program.

BBB emmc clearing / replacing procedure???