OSD-enhet for å sende telemetridata på videobilde



Produktkode: 192aa
Tilgjengelighet: 2
Weight: 20.00g
Custom Field 5 (Location): T10

Pris: kr. 220,00

Kort beskrivelse

MAVLink-OSD V2.0 On-Screen Display MinimOSD for AIOP APM Telemetry ATMEGA328P

Beskrivelse

MAVLink-OSD V2.0 On-Screen Display MinimOSD for AIOP APM Telemetry ATMEGA328P

New V2.1 MAVLink-OSD is an Arduino based project and it is fully compatible with

original MinimOSD.

MAVLink-OSD full support for rush-osd firmware to support the MWC flight control, can be used to battery voltage detection, video voltage detection, RSSI and current detection...(current detection need bring you own sensor).

Rush-OSD firmware supports the above functional schematics:
https://code.google.com/p/rush-osd-development/wiki/Hardware_Mods

MAVLink-OSD with switching DC/DC stepdown powersupply to maximize efficiency on power system. No more heating problems when using this OSD board. It can be only use two way power source.

Default firmware is original 3DR 2.0 version, but we suggest to use MinimOSD-Extra firmware if use on APM.
the MinimOSD-Extra firmware is wrote by Gábor Zoltán.

About how to use the configurator tool to setup OSD function:
https://code.google.com/p/minimosd-extra/

How to setup hardware (original Wiki):
https://code.google.com/p/arducam-osd/wiki/How_to_start_minim

If use on MWC, please download the rush-osd firmware
https://code.google.com/p/rush-osd-development/downloads/list

?Hardware Features:
·ATMEGA328P Microcontroller

·MAX7456-EUI monochrome on-screen display
·5V/500mA DC/DC regulator for MAX7456-EUI
·Operating voltage: 5V(FTDI connector) and 12V(Video I/O connector)
·Supported NTSC & PAL
·FTDI connector

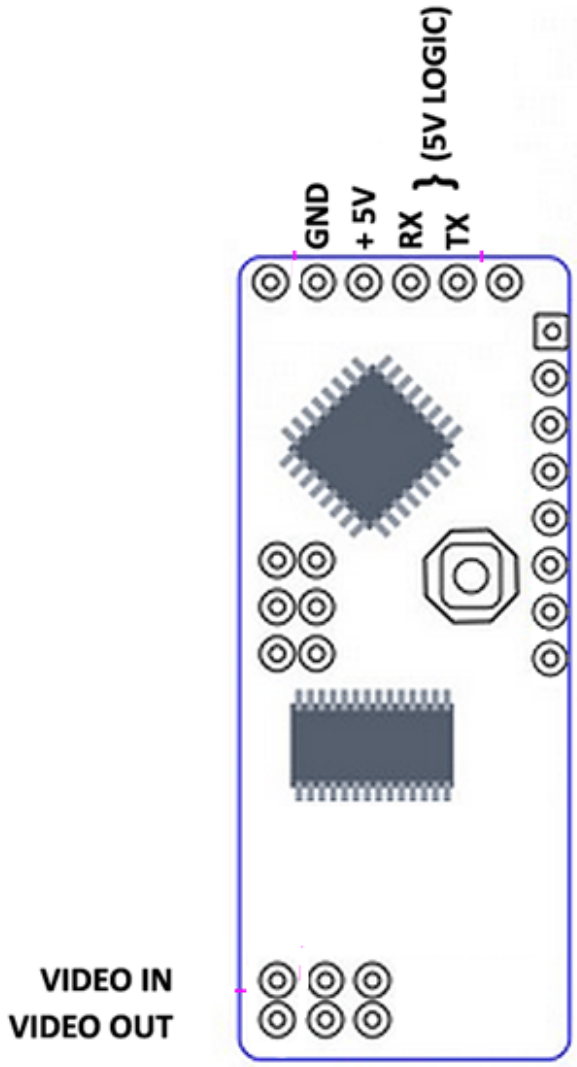
?Software features:
·Full MAVLink protocol support
·Graphical configurator tool

?Other
·Dimension: 19mmx39mm(no include connector)
·Weight: 5g/6g(include cable)

?Package content
·MAVLink-OSD x 1
·UART 4Pin cable 150mm x1

Support
https://youtu.be/zjl9T4D0UHs?si=A9irPSb2JermQjJl

Nedlasting av programeringsvertøy

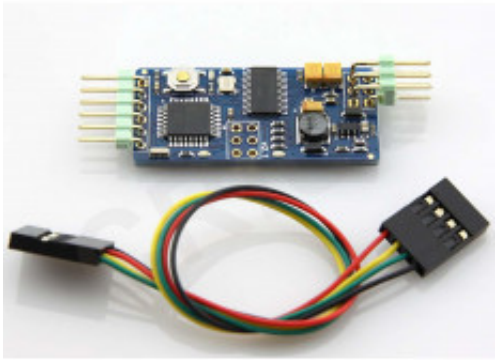


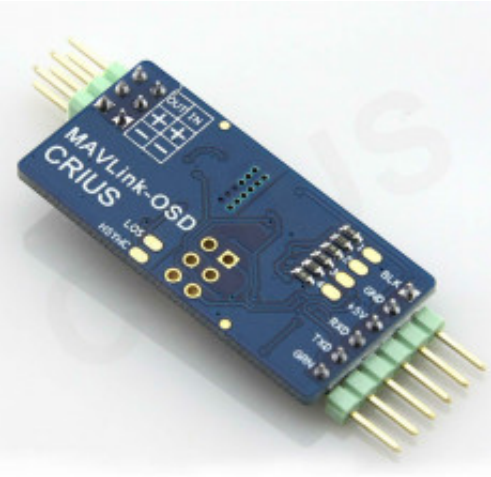
OPTIONAL INPUTS:

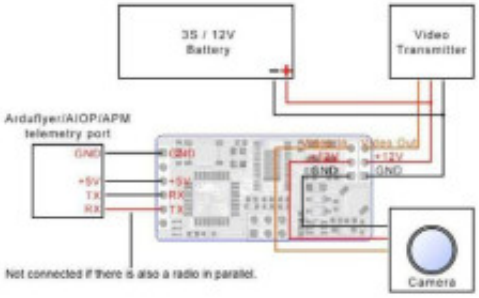
BAT1	**MAIN VOLTAGE** (INPUT SAFE UP TO 4S)
GND	**GROUND**
BAT2	**VIDEO VOLTAGE** (INPUT SAFE UP TO 4S)
GND	**GROUND**
TXTSSI	**RSSI** (RADIO STRENGTH 0-5V)
GND	**GROUND**
VIOUT	**CURRENT SENSOR INPUT** (0-5V)
GND	**GROUND**

Produktgalleri






MAVLink-OSD
CRIUS
Batt IN
LOS
HSTHC
BLK
GND
+5V
RXD
TXD


3S / 12V
Battery
Video
Transmitter
Ardaflyer/AIOP/APM
telemetry port
GND
+5V
TX
RX
(GND)
+5V
RX
TX
Video Out
+12V
GND
GND
Camera
Not connected if there is also a radio in parallel.