XOSDV2

On Screen Display + Video Transmitter + Fan + Microphone
2.4Ghz / 500mW / 4Ch RC / 1 Port MAVLINK Telemetry / 2 INP Camera

Total immersion in flight!

Presents graphics, icons and texts W/B in screen oriented mainly for the visualization of the instrumental of an aircraft.

Features

4 CH RC.
2 RCBUS: RX or 2nd XOSDV2 serial communication.
2 Input Cameras: Video PAL, selection (5V or 12V).
1 Microphone.
1 Fan.
1 Selector Camera.
1 Led Synchronism.
1 Led Camera 1.
1 Led Camera 2.
Connector antenna: MMCX Female.

If connect by RCBus with the RX XLRS can change some parameters of XOSDV2 from XPAD:
 Video transmitter: ON / OFF
 Video CH selection: 8 Channels.
 Adjust: Brightness level , pixel level, volume.

Dimensions

Length: 70,60mm.
Width: 35,70mm.
Height: 21,50mm.
Weight: 41g.

Specifications XOSD

Pages: 2
Resolutions: 33x32(20Obj) or 42x32 (50 Obj).
Configurable Alarms: Yes.
Units of measure: Metric or Imperials.
Power Instruments: Batteries, Voltage, RPM, etc.
Flight Instruments: GPS, Flight Time, etc.
Navegation Instruments: Distance, Course, etc.
XLRS Instruments: RSSI, Noise Level, etc.

Specifications Video Transmitter

Frequency: 2.4Ghz
Potency: 500mW
(Can increase up to 4W using XLRS video booster)
Channels: 8. 4 In band, 4 out band.
 Voltage: 5V. Min 4.5V. Max 6Vcc.
Consumption: Standby 50mA.
                 Max. 750mA.
Connectivity: RC, RCBus.

Upgradable and Configurable: DMDStudio Soft.
Compatible: ALPHA Commands and DMD devices.

Receivers: RXLRS.

XLRS eXtended

www.xlrs.eu

XOSDV2
Connections

Diagram labels:
- 1.8 Fan
- 1.7 MMCX-Female
- 1.6 Led RF
- 1.5 Led Camera 1
- 1.4 Led Camera 2
- 1.0 Channels RC 5
- 1.1 RCBUS
- 1.2 Select Camera Voltage
- 1.3 Input Camera 1 & 2
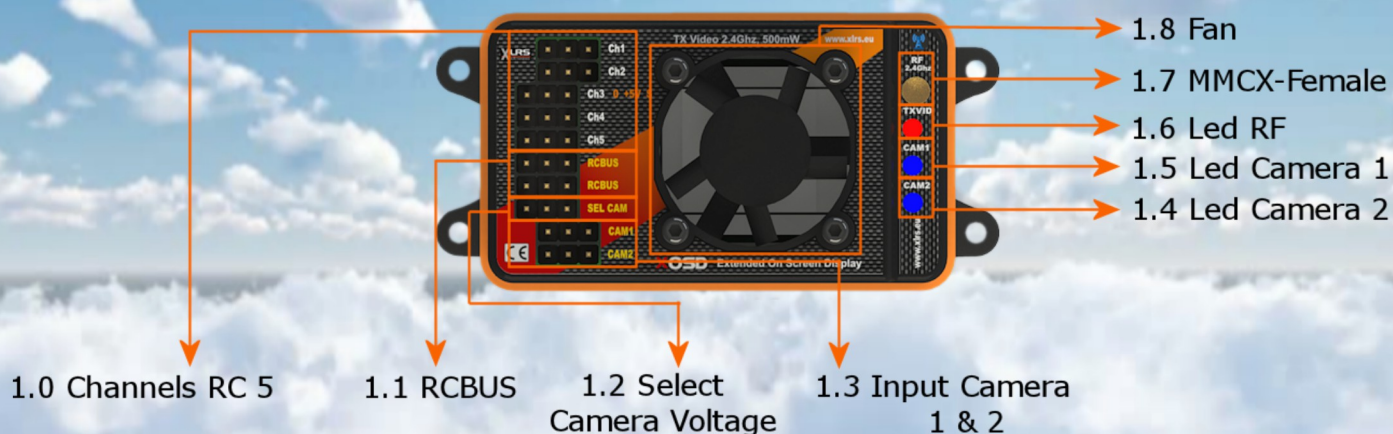
1.0- Channels RC: 5 Multifunction outputs for RC servos.
1.1- RCBUS: Serial comunication RX or others XLRS devices.
1.2- Select Camera Voltage.
1.3- Input Camera 1 & 2: Direct connection to 2 PAL video cameras, with voltage selection (5V or 12V).
1.4- Led: Camera 2.
1.5- Led: Camera 1.
1.6- Led: TX RF.
1.7- Connector Antenna: MMCX-Female (2.4Ghz).
1.8- Fan: Dissipate the heat of the video TX.

*Some product features are optional

* Not for use in UE.
Manufactured by DMD. Digital Micro Devices. ©2018

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