

# BOOST24G4W

Video Booster 2.4Ghz / 4W



## Maximum Reach in Video!

Increase the range of the XLRs video system to 80-100km using the video booster.

### FEATURES

#### Video Booster 2.4Ghz 4W for XOSDV2.

- 1 TX Input:** SMA-Female, max. input power 500mW.
- 1 ANT Output:** SMA-Female.
- 1 Green Led:** Activated Booster.
- 1 Blue Led:** Stand By.

#### Compatible with XVID devices:

**OSD:** XOSD, XOSDV2 (Or similar XOSD modules).

**Ranges of 80 to 100Km** with 5dBi omnidirectional antenna on UAV/Drone and 24dBi on ground.

#### Improve the power of your XOSDV2

from 0.5W (+27dBm) to 4W (+36dBm).

#### 1 Antenna, 2 XOSD:

With a special adapter you can use two XOSDV2 with a Video Booster and see two cameras simultaneously (selecting 2 cameras of 4) with a single output antenna with 2W+2W per channel. Increase the range and use only one antenna.

#### Prepared to work with continuous carrier (CW) with analog video.

In an RF amplifier it is important not to get hot, the Video Booster is specially prepared to work with continuous carrier CW (analog video) with cooling forced by fan.

#### It can be used in different RC models:

UAV, DRONES, VANT, RPAS, UUV, UGV, ROV, MULTIROTORS, CARS, HELICOPTERS, BOATS, etc.

#### Attention:

It doesn't work for WIFI.

#### Before using a Video Booster:

Consult the regulations of your country. Not for use in UE.

### TECHNICAL SPECIFICATIONS

**Range Max.:** 80-100Km (Ants: TX 5dBi / RX 24dBi).

**Frequency:** 2.4Ghz.

**Frequency Range:** 2370-2510Mhz.

**Potency:** 4W.

**Working temperature:** Top 42°C, Bottom 51°C.

**Ambient Temperature:** -10°C to 45°C.

**Voltage:** 12V. Min 10.8V. Max 13.5Vcc.

**Consumption:** Standby 250mA.

Active @12V, @4W(RF) 1,43A.

**Dimension:** 75,22 x 40,25 x 29,37mm.

**Weight:** 81g (Without ant.).

**Box:** Robust machined aluminum.

**1 Fan:** Dissipates the heat of the module.

**Base:** With 4 holes to add M3 screws.

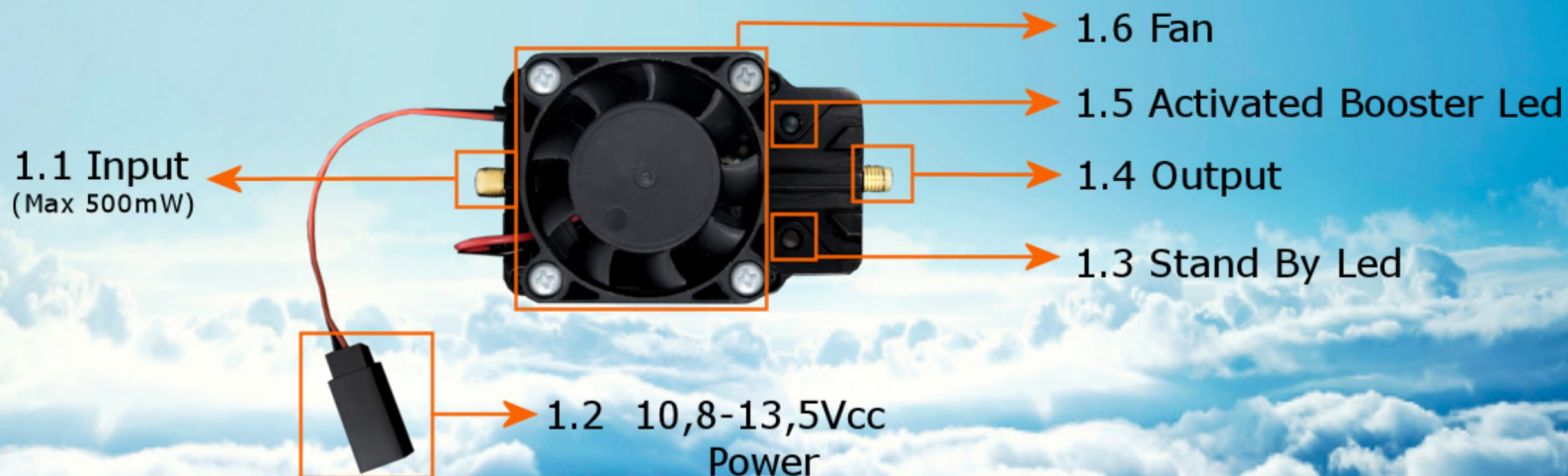
**XLRs**  
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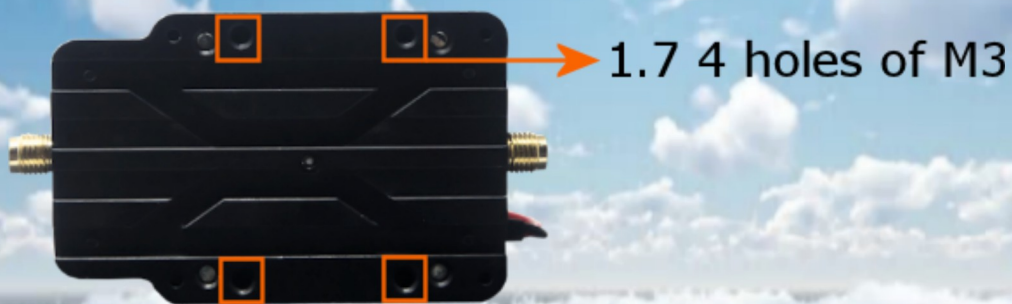
Manufactured by DMD. Digital Micro Devices. ©2018

# BX00ST24G4W

## Connections



- 1.1- TX Input (SMA-Female), maximum power 500mW (+ 27dBm).
- 1.2- Power supply 10.8 to 13.5Vdc.
- 1.3- Stand By Led.
- 1.4- Antenna output (SMA-Female).
- 1.5- Led Booster activated.
- 1.6- Fan.

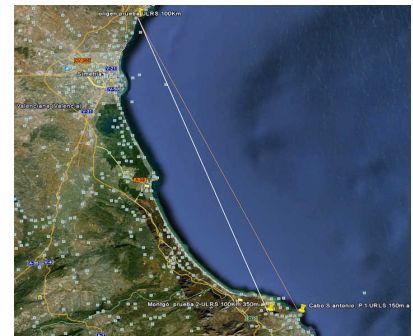


- 1.7- Base with 4 holes to add M3 screws.

- **BOOST24G4W:**
  - Introduction BOOST24G4W.
  - XVID connection diagrams.



- **Learn more about:**
  - Range, Rssi, Noise in environments UAV – Drones.
  - [Range Test XLRS.](#)



- **More information here:**
  - Manuals XVID.

*\*Some product features are optional.*