



# TV20 0011

**Product code:** TV20 0011

**Manufacturer:** Twiga

Red Mamba IP video streaming platform

Red Mamba Neo IP video encoding module has been specifically designed for compact embedded vision systems.

Combined with a iMX Quad core Cortex A9 processor, this tiny and powerful module offers a h.264 hardware encoder and enables low latency video stream over Ethernet or WIFI.

## FEATURES:

- i.MX Quad Core ARM Cortex™ -A9
- Low latency h.264 encoding
- Video streaming over IP & Wi-Fi supporting several protocols: RTSP, RTP multicast, RTP MPEG2TS
- Video inputs: LVDS, MIPI, add-on connector
- Video output: HDMI 1.4 - up to 1080p60
- Video format detection
- Communication: RS485 or UART TTL
- Record and snapshot available
- Storage: local and micro-SD card slot
- Embedded Linux
- Setup and update via custom Website
- ONVIF Profile S compliant

## TARGET APPLICATIONS:

- Medical
- Video conferencing
- Transport and surveillance
- Automatic Number Plate Reading (ANPR)
- UAV
- ROV
- Inspection
- Industrial automation
- Robotics



**Tecnosens S.p.A.**  
Via Vergnano,16 25125  
Brescia (BS) Italia  
  
Tel: (+39) 030 3534144  
Fax: (+39) 030 3530815  
info@tecnosens.it  
PEC: tecnosens@legalmail.it

Can be purchased together with accessory kit TV50 0011.

<b>Power Supply</b>	6-12 VDC
<b>Video Output Standard Configuration</b>	HDMI Ethernet (RJ45) Wi-Fi
<b>Connector</b>	BNC, (SMB, MCX, OPTIONS)
<b>Dimension (mm)</b>	50 (H) x 57 (W) x 15 (D)
<b>Output protocol</b>	Ip Ethernet / WiFi / HDMI
<b>Working temperature</b>	From 0°C to 60°C