

CORAL

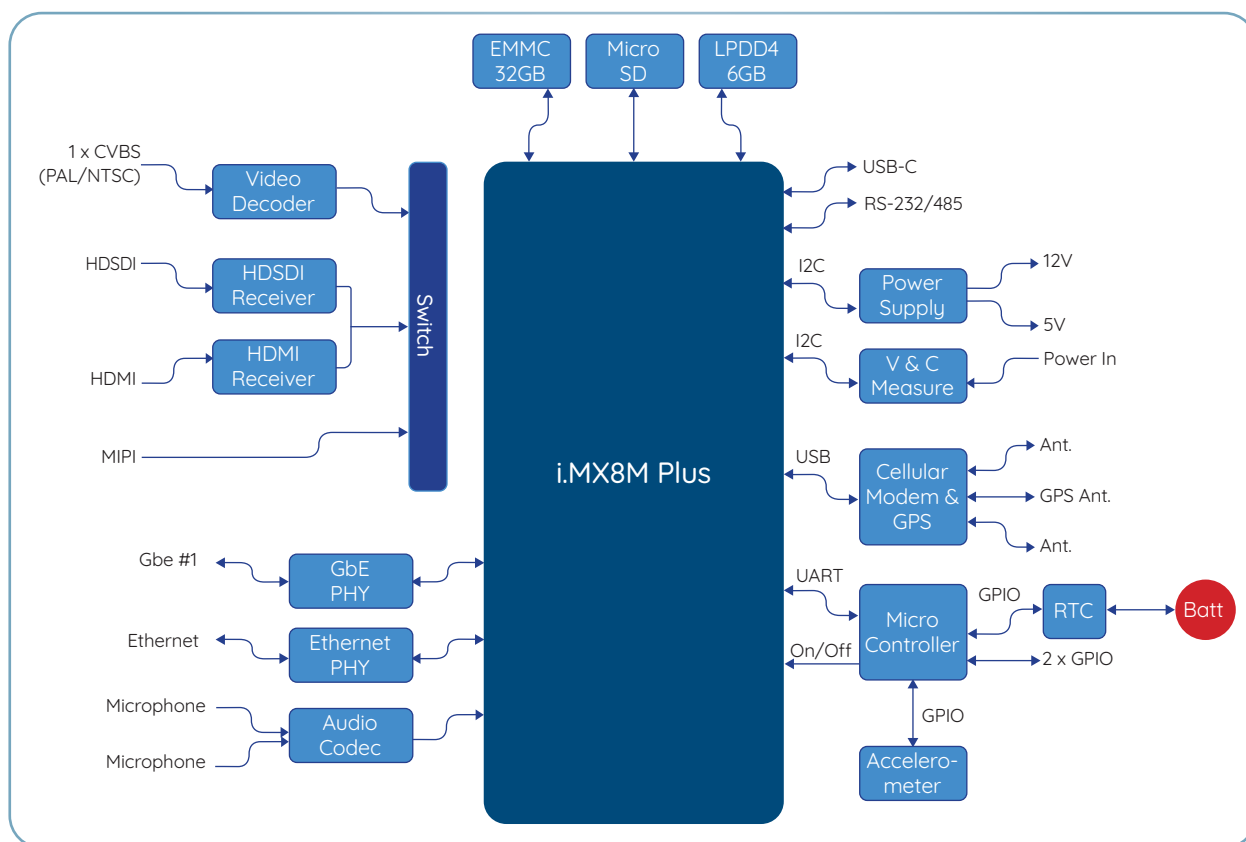
Miniature Tactical Intelligence Gathering Unit

Main features

- Miniature dimensions
- Ultra overall low power consumption
- Multiple video inputs
- Recording, streaming capabilities
- Various communication options
- Dynamic encoding & FEC
- Efficient low current built-in GPS
- Multi-stream-capable HD video engine delivering H.265 1080p60 decode and 1080p30 encode



Block Diagram



Specifications

Based on Jupiter products (iMX8M Plus)

Video Inputs

Ethernet

Analog RS170/NTSC/PAL

HDSDI

MIPI

IP camera

Ethernet & GbE

Miscellaneous

USB-C

RS232/485

2 GPIO

Audio Microphone Input

Micro SD slot for recording

Power In: 2.8 - 18VDC

Max power consumption: <1.5W*

Operating temperature: -40° to +85° C

Dimensions: L 50 x W 63 x H 14mm

Unit weight: ~200g

*1.5W in single Analog recording mode



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