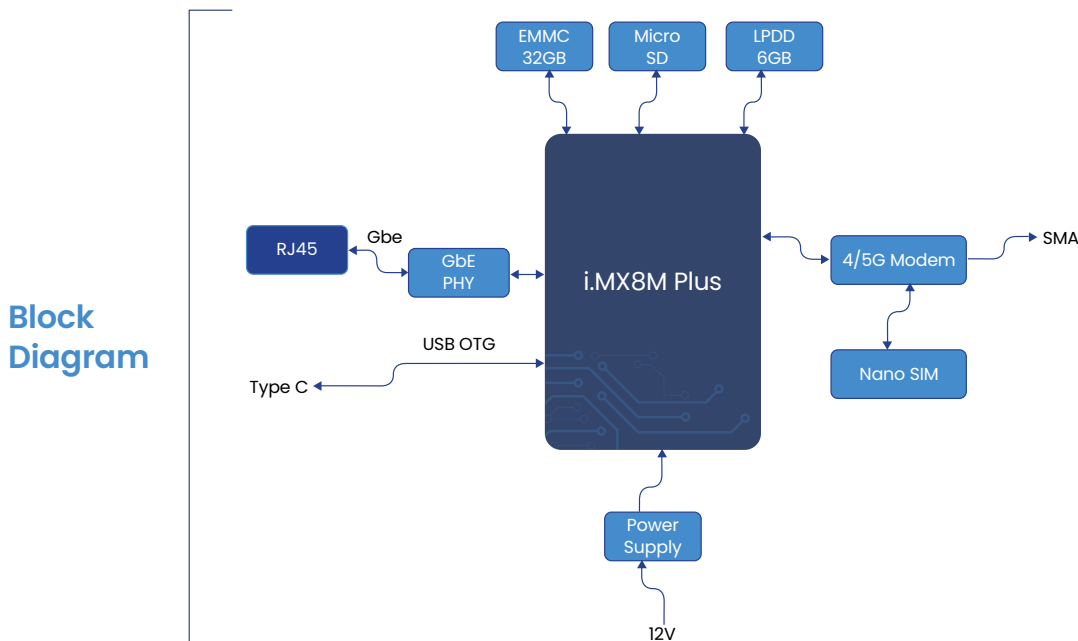


Amethyst



M-Z-00065-00000

An advanced miniature and low-power H.264/5 multiple-stream recorder and streamer over cellular and Ethernet networks.



Functionality

- Amethyst features multiple simultaneous functions and streaming capabilities:
 - ▶ Accepts video from IP and from USB cameras
 - ▶ Generates multiple H.264/5 streams from transcoded IP camera input and encoded USB camera input
 - ▶ Records the generated streams on a local onboard EMMC or Micro-SD and streams over cellular or Ethernet networks via server
- Streams pre-recorded files over cellular or Ethernet networks via server
- Controlled via server using Android, iOS, and Windows applications

Specifications

| | |
|-----------------------|---|
| SoC | NXP i.MX8M Plus |
| Memory | 6GB LPDD4 32GB EMMC |
| Video In | IP camera over GbE USB camera over USB 3.0 |
| Network | GbE (RJ45) 4/5G Cellular Modem with Nano SIM |
| Storage Media | 32GB EMMC Up to 1TB Micro SD |
| USB | USB-OTG (Type-C) |
| Dimensions | L 67.26 x W 42.09 x H 30.73 mm |
| Operating Temperature | -40C to +85C |
| Power | Power input 5-12V Power consumption ~4W |

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