



# ANT-177X TECHNICAL SPECIFICATIONS

Specifications	ANT-1771 UAV Mini	ANT-1772 UAV Micro	ANT-1773 UAV NANO
Processor	FreescaleriMX6 SOC 4 x Cortex-A9 @800MHz Neon SIMD Co-processor	FreescaleriMX6 SOC 4 x Cortex-A9 @800MHz Neon SIMD Co-processor	FreescaleriMX6 SOC 4 x Cortex-A9 @800MHz Neon SIMD Co-processor
System Memory	Up to 4GB MB LPDD2 Up to 8GB NAND Flash	Up to 4GB MB LPDD2 Up to 8GB NAND Flash	Up to 1GB LPDD2 Up to 1GB NAND Flash
Video In	2 x HDSDI 4 x Composite LVDS / Camera Link Option	1 x HDSDI 2 x Composite	1 x HD-SDI / HDMI 1 x Composite 4 x Composite
Video Out	2 x HDSDI 4 x Composite	1 x HDMI 1 x HD-SDI 1 x Composite	1 x Composite
Audio	Stereo Line Input Microphone & Speaker I/O	Stereo Line Input Microphone & Speaker I/O	Microphone Input
CODEC-Encoder Multiple Formats	1 x 1080p30 + 2 x D1 2 x 1080p15 2 x 720p30 2 x D1	1 x 1080p30+ 1 x D1 1 x 1080i50/60 + 1 x D1 2 x D1	1 x 1080i50/60 + 1 x D1 1 x 1080p30+ 1 x D1 4 x D1
CODEC-Encoder Single Formats	1 x 1080p30 1 x 720p60 VBR & CBR H264 Up to 25MBits/sec RSTP RTP UDP MPEG-TS	1 x 720p30 1 x 720p60 1 x 1080p30 VBR and CBR H264 Up to 25mbits/sec RSTP RTP UDP MPEG-TS	1 x 1080p30 1 x 720p60 1 x 720p30 1 x D1 VBR and CBR H264 Up to 23MBits/sec RSTP RTP UDP MPEG-TS
Decoder	1x D1 2 x 720p60 2 x 1080p30 1 x 1080p60	1 x D1 1 x 1080P30 1 x 1080P30 + 1 xSD	1 x D1
Network	Ethernet 10/100	Ethernet 10/100	Ethernet 10/100
Video Storage Memory	SD Card SDIO / NAND Flash 2GB	SD Card SDIO / NAND Flash 2GB / USB OTG	SD Card SDIO / NAND Flash 1GB / USB OTG
Serial	RS232/422 Stanag 4609 8x GPIO	RS232/422 Stanag 4609 8x GPIO	RS232/422 Stanag 4609 8x GPIO
Dimensions	Main board: 80 x 50 x 10mm Add on board: 80 x 50 x 13mm	Main board: 45 x 45 x 10mm	Main board: 25.4 x 50.8 x 15mm
Weight	65g	37g	22g
Supply	3.3v DC (5-30v DC option PCB)	3.3v DC or 5-30v DC	4.5-16v DC
Power Consumption	5.4w Typical	3w Typical	3.48w Typical
Temp	-40 - +85	-40 - +85	-40 - +85