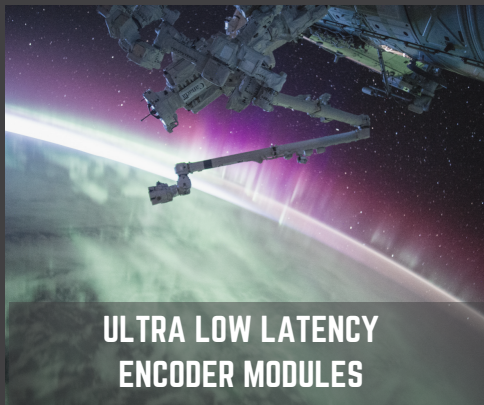


FUTURE RANGE

MICRO ENCODERS FOR UNMANNED
VEHICLES, DEFENCE & COVERT



**ULTRA LOW LATENCY
ENCODER MODULES**



**ULTRA SMALL
ULTRA POWERFUL**



**H.264 / H.265 COMPRESSION
VIDEO MODULES**



**MANUFACTURED IN
THE U.K.**

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ANT-1774

'PICO' MULTI FORMAT ENCODER



W:25mm
L:50mm
Weight: 22g

THE NEW ANT-1774 PICO MULTIFORMAT ENCODER PUSHES THE BOUNDARIES OF INTEGRATION INTO ULTRA SMALL FORMAT ENCODER DECODER MODULES

SUPPORTING MULTIPLE VIDEO AND CAMERA INPUT FORMATS, MULTIPLE SIMULTANEOUS WIFI, ETHERNET AND USB STREAMING, SD CARD RECORDING, DOWNLOADING AND DEBRIEFING.

ANT-1774 PICO SUPPORTS THE FOLLOWING VIDEO INTERFACES FOR ULTIMATE CAMERA AND VIDEO SOURCE CHOICE.

MULTIPLE STREAMS

MULTI CAMERA SUPPORT

WIFI ETHERNET USB

SDI CVI AHD TVI HDMI ++

MULTIPLE CAMERAS

ENCODER & DECODER

VIDEO SOURCES

HD-SDI + TVI + CVI + AHD + QUAD ANALOGUE + LEPTON THERMAL + HDMI + CAMERLINK + VIDEO OUTPUTS : HDMI + ANALOGUE

STREAMING OPTIONS

ETHERNET + USB + WIFI
2HD OR 1HD+1SD OR 4XSD

RECORDING OPTIONS

SD CARD + USB OTG + USB HOST

POWER

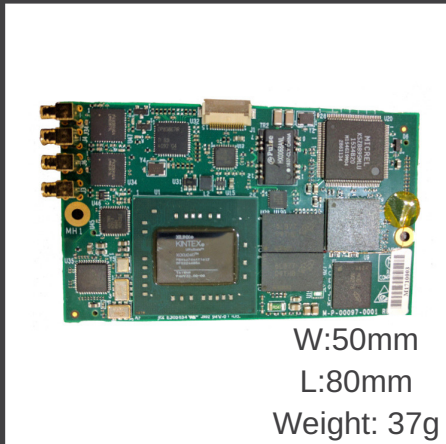
3.5V -28V POWER SUPPLY WITH POWER OUT FOR CAMERAS + WAKE UP LOW POWER MODE USING WIFI BEACON

CONTROL

RS232 BI DIRECTIONAL CONTROL COMMAND

ANT-1775

'MILLI' ULTRA LOW LATENCY ENCODER



THE ANT-1773 MILLI ENCODER DECODER IS AN ULTRA LOW LATENCY H264 BASED ENCODER DECODER.

ACCURATE CBR MODE AND 2MS LATENCY

DESIGNED TO BE USED AS AN ENCODER DECODER PAIR TO ACHIEVE SUPER LOW END TO END LATENCY .

CONTROLLED CONSTANT BIT RATE (CBR) FOR RADIO LINKS.

SUPPORTING SIMULTANEOUS HD AND SD CAMERA FEEDS AND STREAMING OVER ETHERNET

RECORDING TO SD CARD AND TWO WAY SERIAL DATA

THIS PRODUCT IS DESIGNED FOR ACCURATE CONTROL OF REMOTE VEHICLES. SUPER LOW LATENCY IS ACHIEVED WHILST MAINTAINING LOW RELATIVE BANDWIDTH WITH H264 COMPRESSION.

USING THIRD PARTY DECODERS THE ENCODER SUPPORTS STANDARD H.264 STREAMING FORMATS LIKE RTSP AND MPEG-TS

HD + SD STREAMING

LOW LATENCY 2MS

SD CARD RECORDING

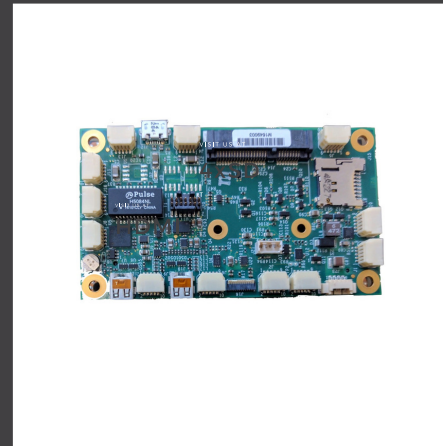
2 WAY SERIAL DATA

MULTIPLE CAMERAS

ENCODER & DECODER

ANT-1776

'ATOM-4K' H265/264 4K ENCODER



THE NEXT GENERATION 4K ENCODER USING HEVC H.265 ENCODING .

THE NEXT GENERATION OF MULTI STREAM ENCODERS WILL FEATURE MULTIPLE HD INPUTS CAPABLE OF UP TO SIX SIMULTANEOUS HD STREAMS .

SUPPORTING 3G HD-SDI , HDMI, COMPOSITE AND CAMERA LINK INPUTS AND OUTPUTS THE ANT-1776 IS BOTH AN ENCODER OR DECODER

SUPPORTING LOCAL RECORDING AND GIGABIT ETHERNET PLUS WIFI THE ANT-1776 WILL PROVIDE ENORMOUS CAPABILITY IN THE VIDEO OVER IP SPACE FOR MILITARY UAV AND ROBOTICS APPLICATIONS. TRUE ALL ROUND FULL HD FULL FRAME RATE SITUATIONAL AWARENESS APPLICATIONS

STREAMING OF MPEG-TS RTSP OVER GIGABIT ETHERNET , WIFI AND USB IS SUPPORTED.

2 WAY SERIAL CONTROL AND DATA

THE POWERFUL CPU ALLOWS FOR ADVANCED VIDEO ANALYTICS

APPLICATIONS: UNMANNED VEHICLES , DEFENCE AND HLS , PAYLOAD MANUFACTURERS

OEM SOLUTION

3840 X2160 P60

4X HD/SD INPUTS

WIFI USB ETHERNET

VIDEO ANALYTICS

QUAD 1080P OR 4K

ENCODER & DECODER