

DVR EXPRESS®

CORE 2 MAX

SERVER OPTION



Integrated DVR and Control PC with Local or Network Control

APPLICATIONS

Test Range Video Recording

Space Launch Imaging

Multi-Camera Motion Capture

Stereo and 3D PIV/PTV



FEATURES INCLUDE:

- A single-box solution combining the Core 2 MAX video recorder with an integrated Control PC
- Local or optional network control mode with real-time MISB-compliant H.264 video streaming
- Reliable uncompressed video recording from up to four Camera Link, CoaXPress or SDI sources
- 3G/HD-SDI real-time monitoring outputs
- Precise timestamping with integrated IRIG input or optional single/dual-frequency GPS receiver



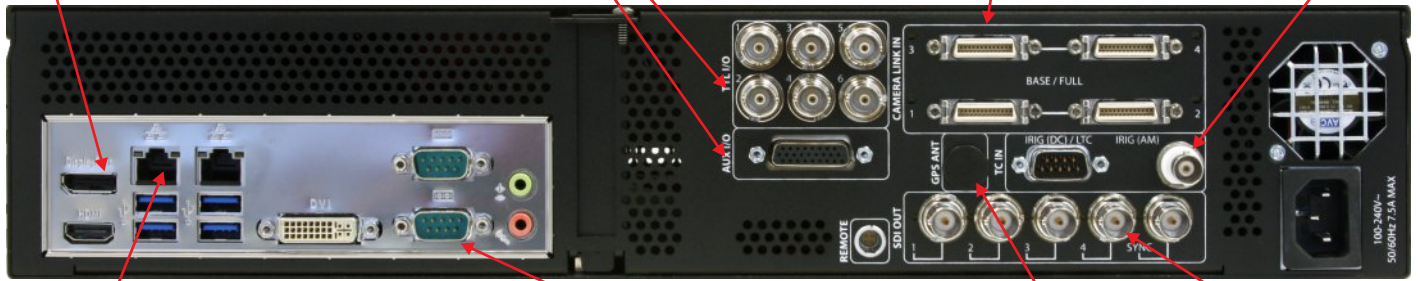
REAR VIEW

USB 3.0 and multiple monitor outputs for local control interface

Simple connections to TTL or LVDS synchronization signals via BNC or DB26

High-speed digital video inputs support up to four cameras

Integrated IRIG-A/B Receiver



Dual Gigabit Ethernet for remote control and streaming video

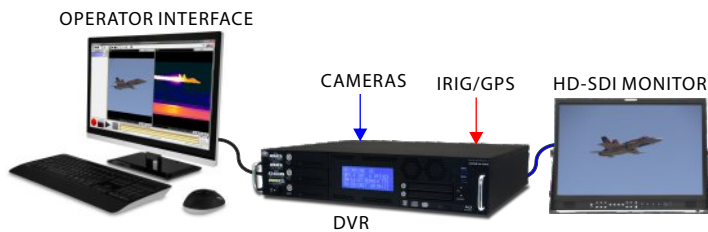
Dual RS232 ports for optional metadata input

Optional single/dual-channel GPS Receiver

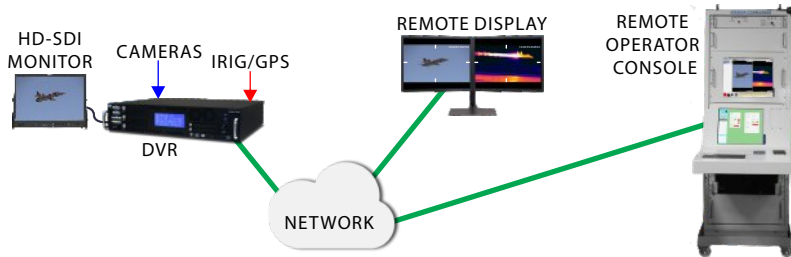
High-definition real-time monitoring via 3G/HD-SDI

SYSTEM LAYOUT

Local Control Mode (Standard)



Network Remote Control Mode (Optional)



SPECIFICATIONS

CPU: Intel Core i7 (quad core)

RAM: 16GB DDR4

Graphics: Intel HD w. DisplayPort, HDMI and DVI-I

OS Disk: 240GB SSD (removable)

OS: Windows 10 IOT Enterprise 2016 LTSB

Optical Drive: Blu-Ray/DVD Burner

Export Drive: Removable 2.5" SATA drive tray provided (empty)

COM: 2 RS232 ports

Network: 2 Gigabit Ethernet ports

USB: 6 USB 3.0 ports (2 front, 4 rear)

Mechanical / Electrical / Environmental

Dimensions: 409 x 434 x 86mm (16.1 x 17 x 3.4")

Weight: Approx. 9.6 kg* (21.2 lbs)

Construction: Powder-coated galvanneal

Power: 100-240V AC, 50/60Hz, Approx. 150W*

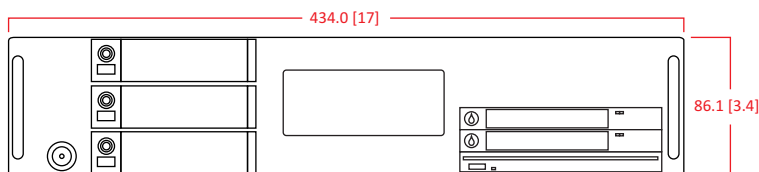
Shock/Vibration: TBD

Temperature: Operating: 0° to 45°C Storage: -20° to 60°C

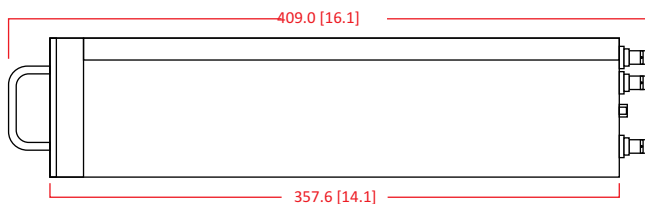
*Depending on model and installed media, excludes PoCL/PoCXP power for cameras

MECHANICAL DIAGRAM

Front



Side



ORDERING

Input Type	Part Number
Camera Link	CORE2CLMAXSERVER
CoaXPress	CORE2CXMAXSERVER
SDI	CORE2SDIMAXSERVER

Option Code	Description
-R	Network Remote Control with MISB H.264 Video Streaming
-G[xx]	Integrated GPS receiver (see separate ordering guide)

Example: Integrated Camera Link video recorder with GPS L1/L2 receiver, network remote control and video streaming features: CORE2CLMAXSERVER-R-G07

Refer to DVR Express Core 2 MAX datasheet for full operational specifications and details

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Specifications subject to change without notice