DVR EXPRESS®
CORE 2 MAX

SERVER OPTION

Display text on device:
```
RECORDING OK
GPS 8 SAT  6 DRIVES
00:16:43 REMAIN 73%
01/20/2017 10:54:12
```

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
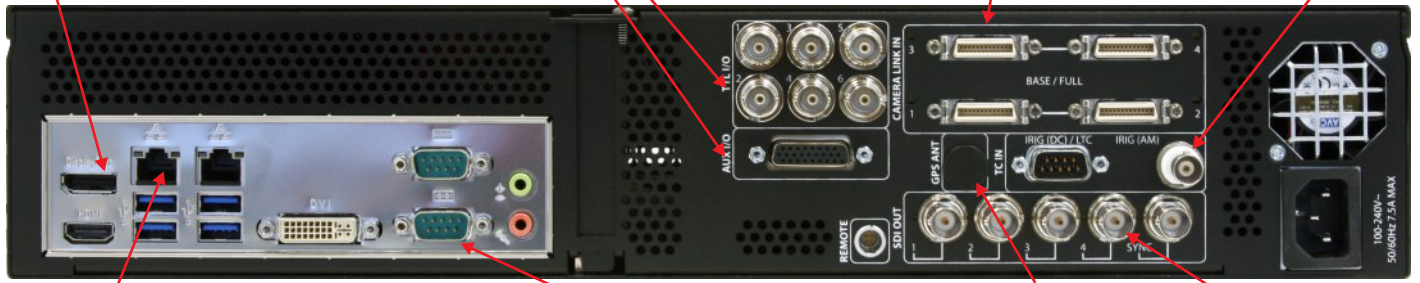
iOi
IO INDUSTRIES

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

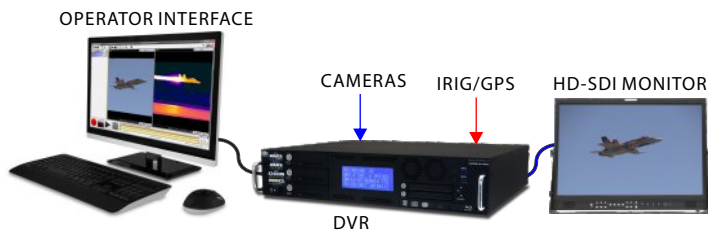Dual Gigabit Ethernet for remote control and streaming video

Dual RS232 ports for optional metadata input
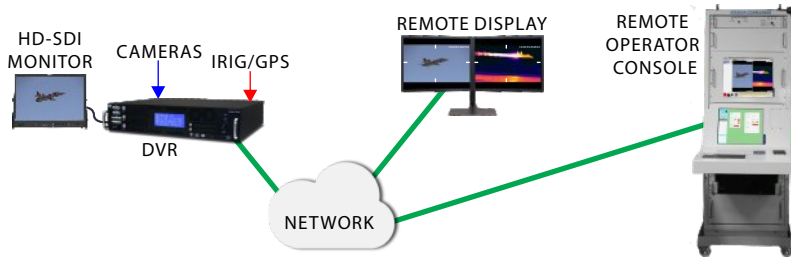
Optional single/dual-channel GPS Receiver

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

SYSTEM LAYOUT

Local Control Mode (Standard)

OPERATOR INTERFACE

CAMERAS   IRIG/GPS   HD-SDI MONITOR

DVR

Network Remote Control Mode (Optional)

HD-SDI MONITOR   CAMERAS   IRIG/GPS

REMOTE DISPLAY   REMOTE OPERATOR CONSOLE

DVR

NETWORK

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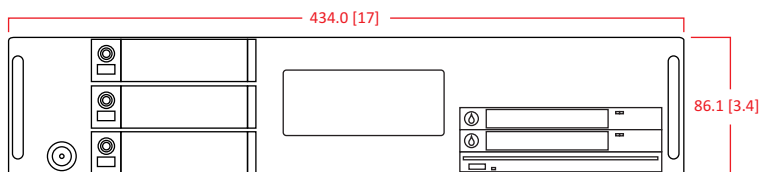
Power: 100-240V AC, 50/60Hz, Approx. 150W*

Shock/Vibration: TBD
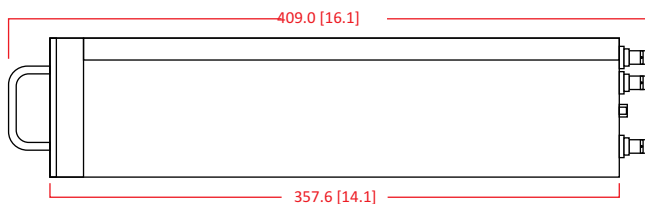
Temperature: Operating: 0° to 45℃ Storage: -20° to 60℃

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

MECHANICAL DIAGRAM

Front

434.0 [17]

86.1 [3.4]

Side

409.0 [16.1]

357.6 [14.1]

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