

# Shot Pro HD



## OPERATION MODES

- Autonomous Mode - Autonomous shooting without the need for encoder communication or radios
- Remote Encoder Operation - Allows shooting through deployed G3i HD cable telemetry in areas with poor radio communication
- Legacy Mode - Fires when Radio Start message is received



## FEATURES

- Operation in encoder or decoder mode
- Integration with iX1 Central System platform
- Web interface allows easy setup on PC, tablet or smartphone
- Internal clock disciplined to GPS or VHF radio synchronization with microsecond resolution
- Comprehensive geophone test verifies geophone operation to ensure uphole integrity
- Built-in Wi-Fi communication
- Storage of all shot and uphole information to flash memory card
- Digital cap support
- Three channel ADC for digitizing uphole data
- Graphical display to view setup information and detailed shot data
- Diagnostic LEDs
  - Geophone resistance and cap test status
  - GPS position and DGPS verification
  - High voltage (cap charged)

Uphole input Impedence:	20k Ohms
Timing Synchronization	Local GPS or analog radio message
Built-In GPS Timing Accuracy:	Microsecond Accuracy

## PHYSICAL SPECIFICATIONS

Operating Temperature:	-40 C to +60 C
Height:	3" (7.6 cm)
Width:	5.6" (14.4 cm)
Length:	12.0" (30.5 cm)
Weight:	3.1 lbs (1.4 kg)
Humidity:	0 to 99%
Data Storage (Internal 8GB CF card):	480 Hours
LED's:	Status /GPS / High voltage

## TECHNICAL SPECIFICATIONS

Voltage Input:	10 Vdc – 36 Vdc
Charge Time:	< 1 Second
Firing Accuracy:	+/- 20 microseconds
Firing Voltage, Current:	400 Volts , >200A (0.5 Ohm load)
Uphole Signal Digitizing:	0.5 milliseconds