



# SURFACE PANEL (CSS107)

PegasusStar is GOWell's latest generation cased-hole logging platform, consisting of a highly capable and fast telemetry sub for surface-readout (SRO) operations and comprehensive memory recording system. The platform is compatible with a wide range of GOWell's Pegasus series downhole tools and the industry leading Warrior 8 software.

For e-line applications PegasusStar consists of a 1U surface panel and a compact downhole telemetry tool. The high-speed intelligent telemetry system is self-adaptive and "hands-free" for the engineer allowing operation on a wide range of mono-conductor wireline cable types and lengths. It typically achieves 200kbps but is capable of exceeding 400kbps.

The 1U PegasusStar **Surface Panel** incorporates an API-RP67 compliant cable interface with key-lock safety switch. The panel handles all downhole communications with the telemetry tool including automatic self-adapting on power-up. Connection with the logging computer is via Ethernet either over LAN or WiFi connections.

The panel also includes depth encoder and line tension inputs that are compatible with a range of encoders or hoist panels. The panel's bypass mode allows for use with your existing logging systems.

## FEATURES

From left to right on the front of panel there is a system fuse and power switch. Test points allow for access to signals.

The main key switch controls the functional modes as follows:

- **Bypass:** Pass-through of the wireline cable
- **Log:** PegasusStar telemetry mode
- **Safe:** Wireline cable is grounded, key can be removed and power is off
- **Perforate:** Allows for perforating when used in conjunction with GOWell perforating module



CSS107

## SPECIFICATIONS

	CSS107
	P/N 100508402
GENERAL SPECS	
Dimensions	1u 19 in. Width Rack
Power	120-240 Volts AC 50/60 Hz
Depth	Quadrature Pulses Encoder
Tension	Analog (Volts)
PC Communication	Ethernet TCP/IP
Downhole Communications	Full Duplex DMM and AMI
Downhole Power	External DC Power Supply