



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

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

- Bypass: Pass-through of the wireline cable
- Log: PegasusStar telemetry mode
- Safe: Wireline cable is grounded, key can be removed and power is off



SPECIFICATIONS

CSS107	
P/N 1.01.01.100513621	
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