

## CONTROL PANELS AND DISPLAYS

# GUARD LEVEL® MCU/CMCU



**MULTIPLE** COMMUNICATION PORTS CAPABLE OF ETHERNET BROADCAST AND MODBUS COMMUNICATION OVER SERIAL OR ETHERNET.

EXTERNAL USB PORT FOR EASY DATA DOWNLOAD.

PRINTER PORT FOR AUTO ALARM PRINT AND DATA LOG PRINT.

**19-INCH COLOR TOUCH PANEL** FOR DISPLAY, CONTROL, AND MONITORING OF GAUGING SYSTEMS.

HIGH LEVEL (HL) AND OVERFILL (HHL) MIMIC PANEL WITH BRIGHT RED AND AMBER LEDS.

**THREE FULLY INDEPENDENT** SOUNDER OF DIFFERENT FREQUENCIES WITH ADJUSTABLE VOLUME CONTROL.

THREE FULLY INDEPENDENT SYSTEMS, HIGH LEVEL, OVERFILL LEVEL (HHL), AND GAUGING ALL POWERED FROM THE GUARD POWER® UPS REDUNDANT POWER SOURCE.

### OPTIONS

TOUCH PANEL CAN BE CONSOLE MOUNTED

The GUARD LEVEL® Master Control Unit (MCU) and Cargo Master Control Unit (CMCU) and is the core of a reliable monitoring and alarm system working in harmony with a number of Bergan products. The MCU guarantees ultimate performance and top-rated safety in tanks, vessels and in potentially hazardous work areas. This "go to" Intrinsically Safe and versatile unit supports up to three completely independent systems; High Level (HL) Overfill Level (HHL) and tank gauging. It's also available in three physical sizes depending upon required number of I/O.

The gauging section's hardened and extended temperature-rated embedded computer with the powerful (Intel) i7 processor runs both Windows 10 operating software and CMS+ application software. This CMS+ user interface is intuitive with a highly configurable 19-inch LCD touchscreen display that can also be console mounted. The GUARD LEVEL® MCU can be connected to our Guard Power® Uninterrupted Power Source (UPS) redundant power source and, optionally, a Wi-Fi for remote slave display. Plus, the MCU provides multiple communication ports capable of Ethernet broadcast and Modbus communication over serial or Ethernet connections, meeting and exceeding your communication needs.



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