blacklinesafety

G8 VS G7 VS G6 COMPARISON







PRODUCT	G8	G7	G6
FEATURES			
CONNECTIVITY & LOCATION TECHNOLOGY			
Direct-to-cloud cellular connectivity	2G/3G/4G LTE	2G/3G/4G LTE	LTE-M and NB-IoT
Diversity (2x) cellular antennas for increased cellular performance	✓	x	x
Schedule Sync (location and gas update)	Every 5 minutes	Every 5 minutes Every 30 minutes (satellite)	Every 6 hours (Every 5 minutes w/ Protect Plus plan)
Integrated GPS location technology	Dual Band antenna for increased location performance	✓	✓
Satellite connectivity	x	Optional via G7 Bridge *Only available in North America, Australia, New Zealand and South America (excluding Brazil)*	x
Bluetooth location beacon support	✓	✓	✓
GAS DETECTION			
Gas monitoring	Single, multi-gas or multi-gas pump	Single, multi-gas or multi-gas pump	Single

Information in this document is subject to change without notice

blacklinesafety

PRODUCT	G8	G7	G6
Gas sensor options	Up to 4 (up to 5 gases with COSH sensor)	Up to 4 (up to 5 gases with COSH sensor)	1
Gases	20 sensors available	20 sensors available	CO, O2, SO2, H2S
Pumped sampling	Optional	Optional	x
Swappable Gas Cartridge	✓	✓	x
Short term exposure limit (STEL)	✓	✓	✓
Time-weighted average (TWA)	✓	✓	✓
EVENT NOTIFICATIONS & ALERTS			
Emergency SOS latch/button	✓	✓	✓
Real-time platform alerts for: Emergency + silent SOS, high gas, fall detection, no motion, missed check-in (available with monitored service plan)	✓	✓	x
Real-time email & SMS notifications for high & low urgency events (configurable based on service plan)	✓	✓	✓
AlertLink proximity-based alerts sharing real-time alerts with nearby Blackline devices (available with monitored service plan)	✓	✓ *(Not available with G7X)*	x
Mass notifications	✓	✓	✓
COMMUNICATION & PRODUCTIVITY			
Push-to-Talk (radio) communication	Optional	Optional *(Not available with G7X)*	x

Information in this document is subject to change without notice

blacklinesafety

PRODUCT	G8	G7	G6
Dedicated push-to-talk radio buttons	✓	x	x
Direct remote speaker mic (RSM) accessory for loud environments	✓	x	x
Optimized audio design for clear sound in all directions	✓	x	x
Emergency voice calling with monitoring personnel	Optional	Optional *(Not available with G7X)*	x
Two-way text messaging with monitoring personnel (available with monitored service plan)	✓	✓	x
Flashlight with dedicated button	✓	x	x
DEVICE/FLEET MANAGEMENT			
TagAssign™ for one-tap device assignment	✓	x	x
Over-the-air configuration and firmware updates	✓	✓	✓
BLACKLINE LIVE SOFTWARE			
Live monitoring and alert management in platform	Optional	Optional	x
ZoneAware™ to draw site-specific areas and see who is in each zone	✓	✓	✓ *(Not available with Protect service plan)*
Live map view to see what's happening across your worksite	✓	✓	✓ *(Only available with Protect Plus service plan)*

Information in this document is subject to change without notice

blacklinesafety

PRODUCT	G8	G7	G6
BLACKLINE LIVE ANALYTICS & REPORTING			
Blackline Essential Reports	14 reports	14 reports	10 reports
TECHNICAL SPECS			
IP Rating	IP67 rated (also tested to IP65)	IP67 rated (also tested to IP65)	IP67 rated (also tested to IP65)
Display	2.13”, 240 x 320 pixel graphical, high contrast, 64-bit color liquid crystal display with front lighting	168 by 144 pixel graphical, high contrast, liquid crystal display with front lighting	240 x 320 pixel graphical, high contrast, 6-bit color liquid crystal display
Battery type	Li-ion battery: 1350 mAh Li-ion	Rechargeable Li-ion battery: 1100 mAh Li-ion	Rechargeable Li-ion battery: 1200 mAh
Operation time	18 hours at 20°C (68°F) under normal usage	18 hours at 20°C (68°F) under normal usage	Up to 12 months at 20°C (68°F), depending on configuration, service plan and use
Temperature	Operating temperature: -20°C to 55°C (-4°F to 131°F)	Operating temperature: -20°C to 55°C (-4°F to 131°F)	Operating temperature: -20°C to 55°C (-4°F to 131°F)
Weight	Single-gas: 212 g (7.5 oz) Multi-gas diffusion: 247 g (8.7 oz) Multi-gas pumped: 265 g (9.3 oz)	Single gas: 167 g (5.9 oz) Multi-gas:192 g (6.8 oz) Multi-gas w/pump: 238 g (8.4 oz)	146 g (5.2 oz)
Size	Single-gas: 127 mm x 65 mm x 42 mm (5.00" × 2.56" × 1.65") Multi-gas: 149 mm x 66 mm x 42 mm (5.87" × 2.60" × 1.65") Multi-gas pumped: 149 mm x 66 mm x 42 mm (5.87" × 2.60" × 1.65")	Single-gas: 128 mm x 66 mm x 29 mm (5.04” x 2.52” x 1.06”) Multi-gas: 150 mm x 66 mm x 29 mm (5.91” x 2.52” x 1.06”) Multi-gas w/pump: 151 mm x 66 mm x 38.5 mm (5.95” x 2.6” x 1.52”)	110mm x 71mm x 37mm (4.3” x 2.8” x 1.5”)

Information in this document is subject to change without notice