

Datalogic Safety Light Curtains – Advanced Series Accessories

Communication Interface

SG4-DONGLE communication interface attaches to programmable Datalogic Safety Light Curtains and a PC through an Ethernet TCP/IP connection allowing remote monitoring and remote programming. Configuring, cloning, error logging and remote monitoring and programming are simplified through the free downloadable software.*



**Note: To connect SG4-DONGLE directly to a PC, order Ethernet cable CAB-ETH-M01.*

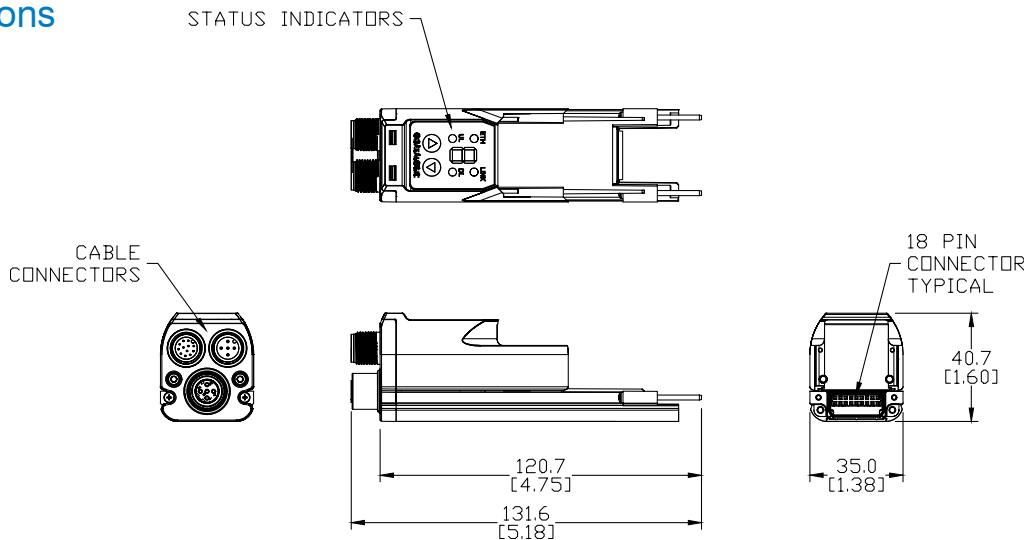
Part No. SG4-DONGLE

\$120.00

- Configuration cloning
- Ethernet TCP/IP connection
- Remote monitoring
- Remote programming using SG EXTENDED GUI software
- CE compliant



Dimensions mm [in]



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Communication Software

SG-EXTENDED-GUI communication software is available for download free of charge at www.automationdirect.com.

Remote monitoring and programming are simplified through the software.*

**Note: To connect directly to a PC, order Ethernet cable CAB-ETH-M01.*

Part No. SG-EXTENDED-GUI

\$20.00

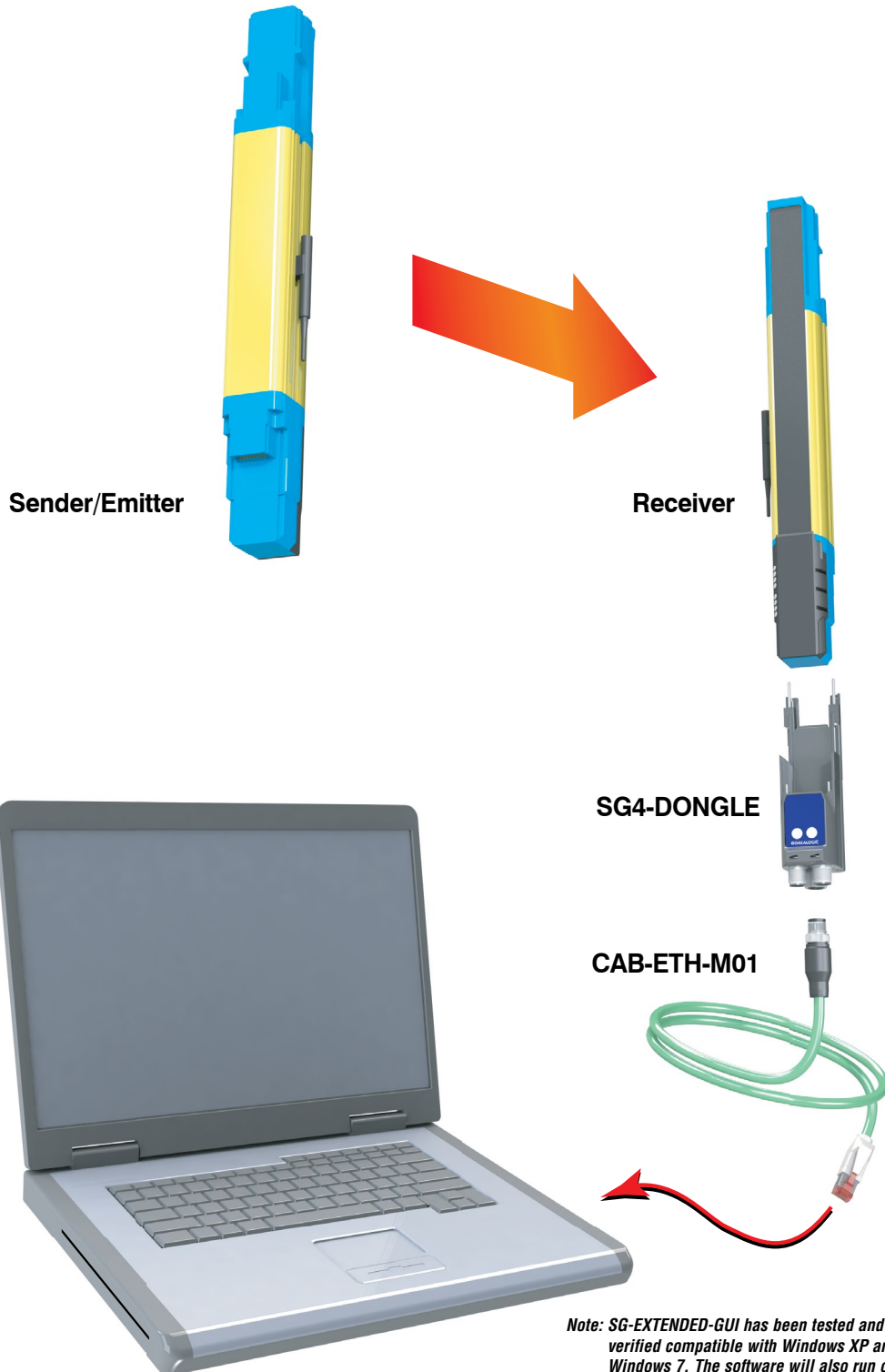
software CD

- Remote monitoring
- Remote configuration
- Tested and verified with Windows XP, Windows 7 also runs on Vista and Windows 8

Datalogic Parameters		
Function	Parameters with BCM (Basic Configuration Mode): Without GUI	Parameters with ACM (Advanced Configuration Mode): With GUI
OSSDs type	only PNP	PNP / NPN
Coding	None / Code 1 / Code 2	None / Code 1 / Code 2
Restart Mode	Auto / Manual Restart	Auto / Manual Restart
Override Restart	Manual	Manual / Auto
EDM	Enable / Disable	Enable / Disable
Range Reduction	Long / Short	Long / Short
Muting Type	T-muting / L-muting	T-muting / L-muting For L-muting: T12 time interval selection, T12 multiplier selection
Muting Timeout	10 minute / infinite	Selectable length in steps of 1 minute from 10min to 1080 minutes
Muting Filter	None	ON (100ms) or OFF
Muting Delay	None	Selectable in steps of 100ms up to 1000ms
Partial Muting	None	Possible to define up to 5 zones each defined in position and dimension
Override Mode	Level / Edge	Level / Edge
Override Timeout	120 seconds	Selectable in steps of 1 minute from 1 to 256 minutes
Fixed Blanking	Two zones can be configured	5 zones can be configured, also with increased tolerance (top or bottom)
Floating Blanking	1 or 2 beams floating blanking with partial surveillance selectable	**5 zones can be configured, total or partial surveillance without limit of number of beams
Reduced Resolution	4 beams	1 / 2 / 3 / 4 beams selectable
**Note - Blocking the two beams on both ends at the same time is not permitted.		

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Communication Interface



Note: SG-EXTENDED-GUI has been tested and verified compatible with Windows XP and Windows 7. The software will also run on Vista and Windows 8, but hasn't been verified.

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Safety Light Curtains Communication Interface and Cables		
Part Number	Price	Description
SG4-DONGLE	\$120.00	Programming dongle. Requires programming software included with SG4 (-P) light curtains.
SG-EXTENDED-GUI	\$20.00	Programming software for SG4 series (-P) on CD; software also available for free download from Automationdirect.com
CAB-ETH-M01	\$45.00	Datalogic cable, Ethernet, PVC jacket, 1m cable length, M12 4-pin male D-coded to RJ45
CAB-ETH-M03	\$55.00	Datalogic cable, Ethernet, PVC jacket, 3m cable length, M12 4-pin male D-coded to RJ45
CAB-ETH-M05	\$63.00	Datalogic cable, Ethernet, PVC jacket, 5m cable length, M12 4-pin male D-coded to RJ45



SG4-DONGLE



CAB-ETH-M01



CAB-ETH-M03



CAB-ETH-M05

Safety Products



Warning: Safety products sold by AutomationDirect are Safety components only. The purchaser/installer is solely responsible for the application of these components and ensuring all necessary steps have been taken to assure each application and use meets all performance and applicable safety requirements and/or local, national and/or international safety codes as required by the application. AutomationDirect cannot certify that our products, used solely or in conjunction with other AutomationDirect or other vendors' products, will assure safety for any application. Any person using or applying any products sold by AutomationDirect is responsible for learning the safety requirements for their individual application and applying them, and therefore assumes all risks, and accepts full and complete responsibility, for the selection and suitability of the product for their respective application. AutomationDirect does not provide design or consulting services, and cannot advise whether any specific application or use of our products would ensure compliance with the safety requirements for any application.