

Remote Readers using RS485

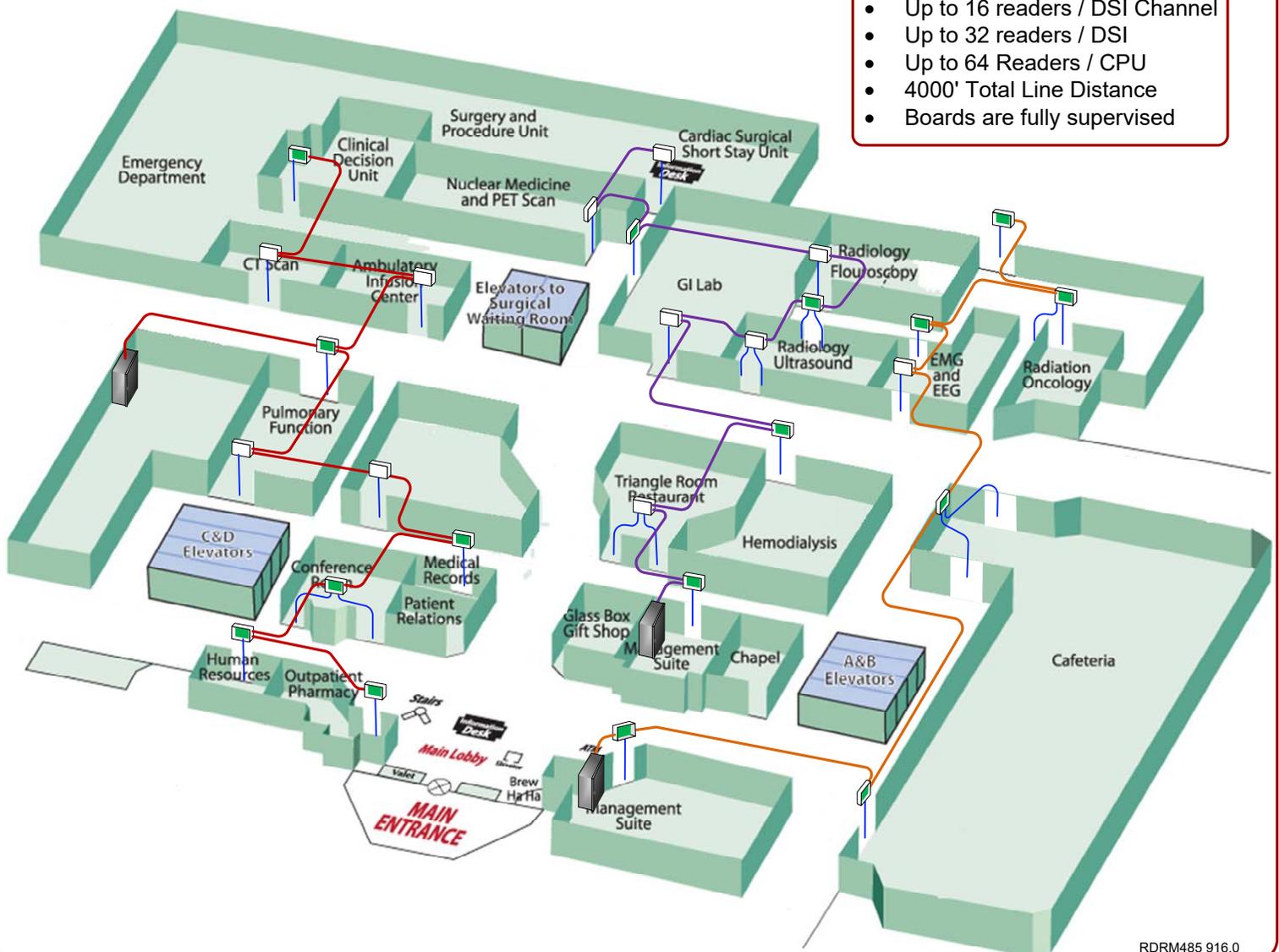
Take advantage of legacy field wiring architecture by using Galaxy's DRM (Dual Reader Module) at the door, connecting to a DSI (Dual Serial Interface) via RS485. No need to run additional cable from the field devices to a centralized controller. All field device terminations can be in close proximity of the door(s) location. Having the DRM selectable to use 1 or 2 readers gives you the flexibility to connect a single door w/ a single reader OR a single door configured for anti-passback with in/out readers OR 2 single doors w/ single readers near one another.

Benefits:

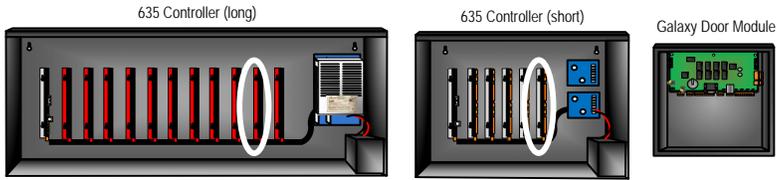
- Significantly reduces costs of takeovers and retrofits using similar architecture
- Reduces cabling and labor costs for new installations especially if plenum is required
- Installation time is reduced in both retrofit and new installations

At a Glance...

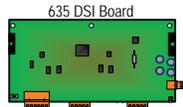
- 1 or 2 Readers / DRM
- 2 Serial Channels / DSI
- Up to 16 readers / DSI Channel
- Up to 32 readers / DSI
- Up to 64 Readers / CPU
- 4000' Total Line Distance
- Boards are fully supervised



SG Hardware w/ 635 DSI (Dual Serial Interface)

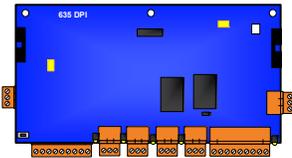


Each controller may have any combination of 635 Daughter Boards (DRM,DIO,DSI,ERM) as space permits. A CPU is required for all controllers EXCEPT cabinets containing only ERMs using RS485 to a remote DSI.

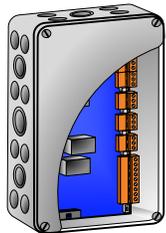


Up to (16) Readers/Channel
(64) Readers MAX/ CPU

Remotely Located 635 DRM

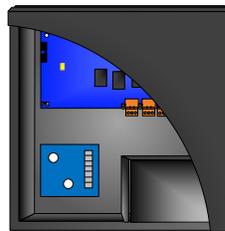
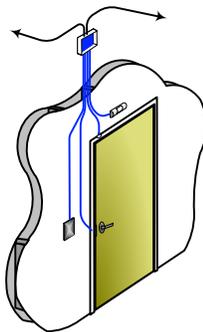


- Supports 1 or 2 Readers
- Up to 4000 ft. (total line distance)
- Choice of enclosures (below)



Standard Enclosure

10"x7" (x3.5"D)
IP66 Rated
Full Gasket
No Power Supply



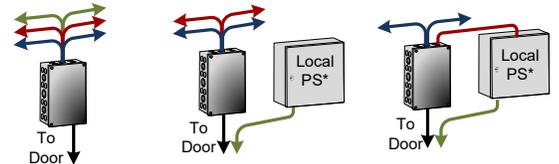
Deluxe Enclosure

12"x12"x4"d
Power Supply

Cabling Requirements

RS485 Half-Duplex	22ga. UTP
12vdc DRM Power	22/2 or better
Lock Power*	18/2 or better

Standard Enclosure



*Lock power requires separate power supply located @ the door or remotely. Some cable and connections not shown. Use standard device wiring techniques for door to DRM connections: reader, lock, dps, rex. Reader power from DRM.

Deluxe Enclosure



Power Supply included will power DRM and up to (2) strikes. Consult Galaxy for approved models.

System Requirements

- SG v10.3 or higher
- 635 CPU v5.04 Flash
- 635 DSI

Ordering Info

- | | |
|------------------------|------------|
| • 635 DSI | 20-0650-10 |
| • 635 DRM | 20-0235-10 |
| • Deluxe Encl. w/PS | 92-0630-05 |
| • Standard Encl. no PS | 92-0630-10 |

