

Silent Knight Farenhyt Black Series FACP



fieldserver

Description

This serial driver connects via RS-232 to the printer port of a Farenhyt Series Black FACP.

The driver is a passive client driver. It does not poll for data. It waits passively for the panel to transmit data. When an event is sent to the gateway it evaluates the event and turns data points on/off. These points are mapped onto BACnet, Modbus, etc. objects so the BMS can read them.

The driver cannot be used to simulate a Farenhyt FACP, because only the passive client side of the protocol is implemented.

Connection Facts

FieldServer Mode	Nodes	Comments
Passive Client	Many	Normally at a site the FACP's are connected together and the gateway is connected to the printer port of Panel 1

Formal Driver Type

Serial RS-232

Passive Client

Compatibility

FieldServer Model	Compatible
ProtoCessor	Yes
ProtoCarrier	Yes
ProtoNode	Yes
ProtoAir	Yes

FieldServer Model	Compatible
QuickServer FS-QS-10xx	No
QuickServer FS-QS-12xx	Yes
QuickServer FS-QS-20xx	Yes
QuickServer FS-QS-22xx	Yes
QuickServer FS-QS-3x10-F	Yes

Connection Information

Connection Type: RS-232

Baud Rates: 9600

Data Bits: 8

Stop Bits: 1

Parity:None

Multidrop Capability: No

Communication Functions Supported

The driver processes all event messages.

Evaluating if a Module, Sensor, Zone or System event has occurred.

Evaluating if the event is an activation or a restore.

Object Type	Message
Modules	alarm, trouble
Sensors	alarm, trouble
Zones	alarm, trouble
System Events	alarm, trouble

Devices Tested

Device	Tested (Factory, Site)
IFP-2100 (110VAC) & IFP-2100HV (220VAC) - Fire Alarm Panel with 2100 point capacity	Site
IFP-2100ECS (110VAC) & IFP-2100ECSHV (220VAC) - Fire Alarm & Voice Panel with 2100 point capacity	Site
IFP-300 – Fire Alarm Panel with 300 point capacity	Site
IFP-300ECS – Fire Alarm & Voice Panel with 300 point capacity	Site
IFP-75 – Fire Alarm Panel with 75 point capacity	Site