Ethernet Wiring Specifications: Riser Diagram for AOR-IP-160-CU System (1) Cat5e or greater Ethernet cabling (2) Maximum cable length of 328 ft. (100 m) (3) 2-hour fire-rated cabling (CI or CIC) maybe be required in the local jurisdiction – check with local Authority Having Jurisdiction (AHJ) Ethernet connections are marked with: () **LOC 160 AOR-IP Station** (Model AOR-IP-CSE-SM) **OFF-SITE COMMUNICATION** 24-hour UPS (IF NOT USING SIP TRUNK): **LOC 159 Power Generator IP-Based PBX Analog Telco/PSTN** for Network **AOR-IP Station** (Private Branch Exchange) Connection(s) (Model AOR-IP-CSE-SM) (Maximum 4) (Provided by others) (Included with AOR-IP-160-CU) (Provided by others) **Power over Ethernet PoE Injector AOR-IP Station** (PoE) Network (Model AOR-IP-CSE-SM) (Included with AOR-IP-160-CU) **Command Unit** (Provided by others) (Model AOR-IP-160-CU) LOC₃ FLR 1 **Ethernet Network Primary AC Power AOR-IP Station** (non-PoE) Addressable Fire Alarm (Model AOR-IP-CSE-SM) 24-hour UPS 120VAC, 50-60Hz, 12.0A Module (Model AOR-IP-UPS-CU-24H) (Provided by others) (Provided by others) (Provided by others) LOC 2 **AOR-IP Station** (Model AOR-IP-CSE-SM) **IP Supervisor UPS Supervisor** -Relay Output-(Model AOR-IP-UPS-SUP) (Model AOR-IP-SUP) LOC₁ **AOR-IP Station** Relay Output (Model AOR-IP-CSE-SM) **INTERNET-BASED OFF-SITE** COMMUNICATION (IF NOT USING ANALOG **IMPORTANT NOTES: CONNECTION):** (1) Survivability requirements and regulations may vary depending on the local jurisdiction. Please contact your Authority Having Jurisdiction (AHJ) for further details. **SIP Trunk Connection(s) to PSTN** (2) Since fire-rated system requirements can vary from jurisdiction to jurisdiction, please (Maximum 50) approach a third-party firestop company for an "engineering judgment" or "firestop EJ". 7530 North Natchez Avenue 773.539.1100 (3) Installation of components of the AOR-IP system into a fire-rated area or room may be

required depending on the requirements of the jurisdiction.

(Requires router, SIP service, and

nternet connectivity provided by others)

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