NORTHERN APEX
EMPOWERING INFORMATION SOLUTIONS

Visibility Station Hub

RFID Reader Station



The Visibility Station Hub is a versatile, “self-contained reader station.” The combined industrial PC, the touch-screen and RFID reader are designed to accept up to 4 antennas, provide a flexible user interface and integrated control I/O for lights, conveyors, etc., all in one NEMA enclosure. It’s power packed with several configuration and communication options which make it ideal for “drop-in” manufacturing applications. It can also operate stand-alone or interface with existing business enterprise applications with near seamless connectivity.

Technical Specifications

Operating Frequency: UHF band, 902 – 928 MHz, or HF band, 13.56 MHz utilizing RFID readers

Mini “Brick” PC: Industrial PC equipped with Windows

LCD Touch Screen Display: 15”m SVGA (1024 x 768) Resistive, NEMA rated screen

Digital I/O via Ethernet: 10baseT - Input: 16 points, 24Vdc, sink/source

Output: 8 points, 12 –24 DC Expansion options available

Communication Interfaces: RS232/RS485/RS422 and 10baseT – Ethernet ports

Antenna Connections: antenna – channel connectors

Power Supply: 110/240 Vdrop to +24VDC regulated internal supply

Power Consumption: < 1 A at 120Vac (nominal) < 1 A at 120Vac (scanning mode)

Enclosure Types: Nema rated – Painted steel (standard), Nema rated – 304/316 Stainless (optional), Fiberglass (optional)

Operating Temperature: 0 to 50°C (32 to 122°F)

Storage Temperature: -20 to 70°C (-4 to 158°F)

Weight: 85 pounds (38.5 kg) with stainless enclosure

Size: 24” wide x 24” high x 8” deep (includes (4) .5” diameter mounting holes on back corners

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