

The Franwell Tote Portal™

The Franwell Tote Portal was designed specifically to RF scan the individual containers of controlled substances placed within a tote. The Tote Portal enables pedigree verification when it is integrated with the Franwell rfid> Trace system. (Patent pending)

Connectivity		Operational Features	
Network:	10BaseT Ethernet RJ45 RS232 Console DB9 Control I/O Port (6) DB15	Air Link Protocol:	EPCglobal: Class 0, Class 0+ and Class 1 (adaptable to Gen 2 when available)
Power Supply:	+24vDC @ 1.2 amps	Frequency:	UHF band, 902-928 MHz
Environmental		Power Output:	Up to 30 dBm (only 1 Watt Part 15)
Environmental Sealing:	IEC 529 IP54	Method:	Frequency Hopping Spread Spectrum (FHSS)
Temperature:	IEC 60068-2-1/2/14	Tag Communication:	Interleaved
Operational:	0° to +55° C (+32° to +131 ° F)	Tag Buffering:	Local
Storage:	-20° to + 70° C (-4° to + 158° F)	Host Interface Protocols:	XML and Byte Stream
Humidity:	IEC 60068-30/56 5-95% Non-condensing	IP Addressing:	Static and Dynamic
Vibration:	IEC 60068-2-6	Synchronization:	Network Time Protocol
Compliance		Network Management	
Safety:	EMI//RF Emissions	Protocol:	SNMP
Regulatory:	Region 1, FCC Part 15	Configuration:	Via Setup Wizard

The Tote Portal can sit on a store counter or it can be placed on a structure to elevate it to the desired height. RFID readers and antennae, along with requisite cables, are securely housed within the durable plastic housing. The setup is sensitive enough to read accurately the RFID tags, yet rugged enough to withstand repetitious use from various points in the supply chain. The equipment housing through which the tagged items and totes are passed can be customized to meet your size requirements.

