

**tsw**  
AUTOMATION

## t-Weigh Panel Product Profile

Full Programmable Color  
Touch Screen Display

MS Windows Based PC  
System Architecture

Custom Configuration to Your  
Specifications

Waterproof  
Alphanumeric Keyboard

Remote Viewing and Operation  
from any where on your network

Remote Network Maintenance  
and Support via the Web

Available with a host of Options  
configured to your exact needs

Mount to Operate from Inside  
Vehicle or Walk Up

Pole or Wall Mount



### t-Weigh un-attended display terminal

The **tWeigh Panel** is the most user friendly scale interface available. The terminal has been designed to be the operator terminal for the **tWeigh** truck scale management system and is designed to provide for complete un-attended operation of your truck scale facility. It is the perfect solution for scale locations that do not have a full time attendant on duty.

The **tWeigh** terminal is an approved user interface for the **tWeigh** scale management program provided by **TSWA**. The **tWeigh** program is certified by **NTEP** as an approved truck scale management system. (CC 07-109)

The system can be configured to provide the maximum in functional flexibility and allows you to specify any number of optional features to fit your exact requirements.

The terminal can support the following optional features :

- WiFi
- 900MHz Bridged Ethernet Support
- Fiber Optic Ethernet Network Support
- Up to 32 Programmable Logic I/O Points
- Panel Mount IP Based Intercom System
- Handset Style Ethernet "Hot Line" Phone
- (1) or (2) 3-1/8" Wide Thermal Printers
- Bar Code Image Scanner
- RFID Card/Vehicle Identification
- Network Based IP Camera(s)
- Automatic Radiation Detection
- Gate and or Traffic Light Control
- Magnetic Loop Vehicle Detection
- External Scoreboard Style Weight Display

t-Weigh

## t-Weigh

### Optional Additional Features:

#### Pole Mount Hardware Kit

#### WiFi

Wireless network support for single or multiple terminal installations

#### 900MHz Wireless Ethernet Bridge Network

Long range Wireless Network connectivity provides network support for remote scale locations.

#### Fiber Optic Ethernet Network Support

Available fiber converter allows fiber optic network support to location distances beyond copper or wireless. This also enhances lightning immunity

#### Network Driven Logic I/O Points

AC or DC Programmable Inputs and Outputs communicate with devices such as alarm lights, operator push buttons, traffic lights, gates, or other devices located near the un-attended terminal.

#### Panel Mount Ethernet Intercom System

Network IP based intercom support allows instant verbal communication to VOIP users from remote locations.

#### Handset Style "Hot Line Phone"

Handset style intercoms systems can enable users in noisy environments. Connect through a discrete line or through your existing phone system.

#### Single or Dual 80mm Thermal Printers

Thermal ticket printers are available for transaction reporting. Dual units provide for redundancy and/or increased paper supply with automatic switch over and attendant notification.

#### Bar Code Card Image Scanner or Swipe Scanner

Bar code scanners allows quick user identification via bar coded ID cards, or product data can be entered using bar coded product tags or read from process paperwork.

#### Automatic Transaction Payment Systems

Credit Card slot scanners and \$1,5,10,20 Dollar Bill Acceptors are available to allow drivers to pay for Scale Transactions real time. Credit Card Transactions are Securely cleared automatically direct from the tPanel's Network / Internet Connection.

#### RFID Driver Card or Vehicle Identification

Radio Frequency Identification systems are available to automatically identify trucks using metal mount or windshield mount vehicle tags. or drivers can be identified by presenting an RFID coded ID tag. The system is generally faster and more reliable than bar codes for use in harsh environments.

#### NEMA 4 - 104 Key QWERTY Keyboard

Full function 104 Key standard computer style keyboards are available to ease user input.

#### Ethernet Color or IR CCTV Camera(s)

Network IP based "single" or "multi-location" closed circuit camera systems are available for user identification, vehicle ID or truck load contents verification. Link snapshots to product billing, or security data.

#### Traffic Lights and or Gates

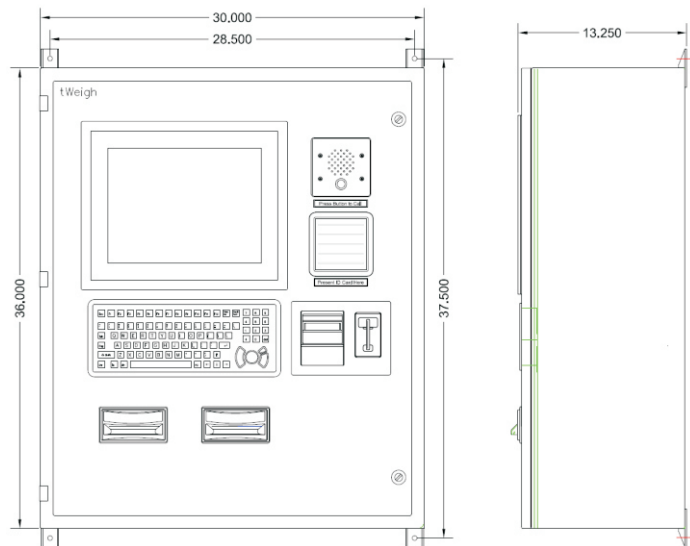
Signal light and gate features provide for smooth traffic control through entry, exit and scale areas.

#### Score Board Weight Display

Truck scale weight values can be presented on a remote mounted score board style display for ease of viewing.

#### Mag Loop & Photo Eye Truck Detection

Magnetic Loop or Photo Eye Sensors insure that the Truck is always fully on the scale.



COMPLETED TICKET	
Ticket : 1002	Date : 05-14-01
Time In : 09:10:13	Time Out : 09:38:15
Truck : AAA100	
Customer: AAA	
Mat : GRAVEL	
Gross : 65200 lb	
Tare : 36420 lb	
Net : 28780 lb	
Units : 31.63 TONS	
* Price : \$ 2.00	
Net Price: \$ 63.26	
+ Fee 1 : \$ 0.00	
+ Fee 2 : \$ 0.00	
Total : \$ 63.26	
In-Yard Pass	
Date : 05-14-01	Time In : 09:10:13
Truck : AAA100	
Customer: AAA	
Mat : GRAVEL	
Gross : 36420 lb	
Tare : 0 lb	

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