

MAXTIME RAMP METER

RAMP METER CONTROL SOFTWARE

OVERVIEW

MAXTIME ramp meter is an award-winning ramp meter control software built on the Linux platform directly from current NTCIP standards, including NTCIP v1207 v2.06b and ATC v5.2.

In addition to establishing the most complete NTCIP-compliant platform in the industry, MAXTIME ramp meter is intuitively designed to simplify complex functions, and its Linux-based design facilitates memory and processor power expansion in the future.

Ramp meter locations can be peer-to-peer sources for other ramp meters and traffic signal controllers, allowing truly integrated corridor management

Contact Q-Free | Intelight today to update your ramp metering operations system to 21st century technology!

FEATURES

- Monitor and modify timings through a web browser from virtually any PC, tablet, or smart phone.
- Supports up to 16 main lanes, 16 metered lanes, and 64 detectors
- Supports local traffic responsive operation by TOD
- Natively supports Wavetronix HD125 side fire radar for speed, volume, occupancy, 85% speed data
- Supports serial and/or Ethernet communications
- Supports Network Time Protocol (NTP) and all other GPS-based clock inputs for time synchronization
- Fully supported local intersection integration (ICM)
- Supports peer-to-peer communications with Advanced Logic Builder
- Store and switch between hundreds of timing databases on controller
- Easy, automated software updates via network or USB flash drive—no need for terminal servers or proprietary installer programs

FULLY SUPPORTS NTCIP 1207

- Meets the existing NTCIP 1207 v02.06b specification
- All data is exposed to allow for any third-party application to access or display ramp meter information

Level	Rate	Flow	Occupancy	Speed (mph)
1	1000	900	6.0	70
2	700	1600	8.0	60
3	600	1900	11.0	50
4	500	2200	14.0	40
5	400	2400	17.0	35
6	300	2600	20.0	30
7	0	0	0.0	0
8	0	0	0.0	0
9	0	0	0.0	0
10	0	0	0.0	0
11	0	0	0.0	0
12	0	0	0.0	0
13	0	0	0.0	0
14	0	0	0.0	0
15	0	0	0.0	0
16	0	0	0.0	0

Support for 16 separate metering plans

ADDITIONAL FEATURES

- Runs on Linux O/S and the ATC platform
- Supports logging volume, occupancy and speed data to the local controller or USB drive for later analysis
- Full NTCIP MIB supplied with software license
- Preconfigured or user-defined cabinet support (332, 336, TS-1, TS-2, ITS)
- Expanded capabilities support Bluetooth readers and local data processing
- Includes offline volume/occupancy testing tools for lab simulation of metering functions
- Intuitive and advanced user logic programming

	1	2	3	4	5	6
Meter Status	Enabled	Enabled	Disabled	Disabled	Disabled	Disabled
Manual Action	Fixed Rate	Fixed Rate	None	None	None	None
Manual Plan	0	0	0	0	0	0
Manual Rate	700	700	700	900	900	900
Manual Veh/Green	1	1	1	1	1	1
Interconnect Action	Off	Off	Off	Off	Off	Off
Interconnect Plan	0	0	0	0	0	0
Interconnect Rate	680	680	680	900	900	900
Interconnect Veh/Green	1	1	1	1	1	1
Default Action	Dark	Dark	Dark	Dark	Dark	Dark
Default Plan	1	1	0	0	0	0
Default Rate	680	680	680	900	900	900
Default Veh/Green	1	1	1	1	1	1
Pre-Metering Green Override	Dark	Dark	Dark	Dark	Dark	Dark
Post-Metering Green Override	Green	Green	Green	Green	Green	Green

Sample MAXTIME ramp meter programming display

