Metrici LPR – Datasheet

Features	
Architecture	distributed detection and recognition, free-flow or triggered, centralized reporting and administration, web interface
Recognition rate	more than 99.5%, using appropriate infrared light source and camera positioning
Recognition speed	less than 100ms/ plate at 200 pixels length
Plate number deviation	up to +/- 30 degrees in any direction
Number of recognized plates in each frame	unlimited number
Data type for each recognized plate	plate number, country code, recognition probability, moving direction of the car, first seen, last seen, location name, camera name, gps latitude, gps longitude, car picture, plate number picture, companion picture, weight, speed
Detection window	yes, user definable
Parallel processing	adaptive multithreading, up to 8 threads for each connected camera
Access to data	web interface, discrete user rights
White/ black list	actions list providing for each recognized plate number
Action builtin based on plate number	open/ close barrier/ gate, warning e-mail, on screen popup
Schedules for white/ black list	unlimited number of time tables, user definable
Number of barriers/ gates	up to two for each connected camera, driven independently depending on the recognized plate number
Single plate mode	yes
Reports	top cars, cars each hour, cars each day, cars each month, time between detections
API	GET method over HTTP, XML and JSON data source
Data push	POST method over HTTP
Plate number syntax check	yes, for more than 45 countries, more than one in the same time
Supported countries	Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Bahrain, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Hungary, Israel, Ireland, Italy, Kuwait, Jordan, Latvia, Lithuania, Luxembourg, Macedonia, Moldavia, Monaco, Montenegro, Netherlands, Norway, Peru, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine

System requirements	
OS	Linux CentOS 7 64 bits
CPU	Intel Sandy Bridge or newer, AMD Bulldozer or newer
CPU threads/ camera	minimum 2 CPU threads at 1.6 GHz for each 1 Mpixel video stream at 10 fps
Memory	512 MB for each connected camera, but no less than 2 GB/ server
Storage	Approx. 50 GB/ year for 1000 cars/ day, depending of the camera resolution and image compression
Cameras/ server	maximum 16 conected cameras on each server, unlimited number of servers
Camera type	IP, MJPEG or H.264 video stream, HTTP or RTSP/ RTP transport protocols
Supported camera producers	ACTi, Arecont, Avigilon, Axis, Bosch, Dahua, Diviotec, Hikvision, Mobotix, Novus, Pelco, Samsung, Sony, Vivotek