OUTDOOR INDOOR

LeafNut

WIRELESS LIGHTING CONTROL SYSTEM

Take Control of Your Lighting with Venture Lighting's
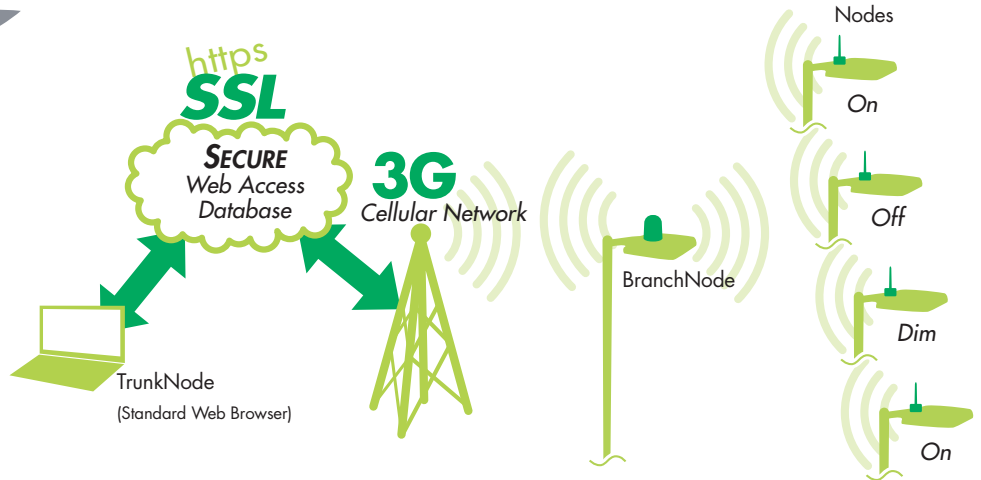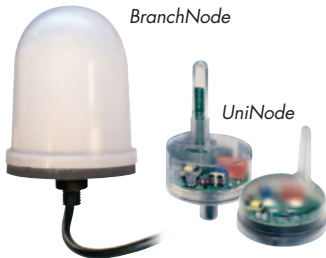
LeafNut® for Outdoor

Venture's LeafNut® system is an advanced intelligent wireless control system for area and street lighting. The LeafNut "nodes" are housed in each light fixture and communicate via radio, satellite and cellular systems to deliver control and status messages to a secure web page accessed from any web based computer. You can control, adjust, monitor and receive maintenance messages from each light fixture. With an upgrade kit of energy efficient pulse start ballasts and Uni-Form® lamps plus the power of the LeafNut system, you can drastically reduce your energy consumption expenses while improving with bright, white site lighting.
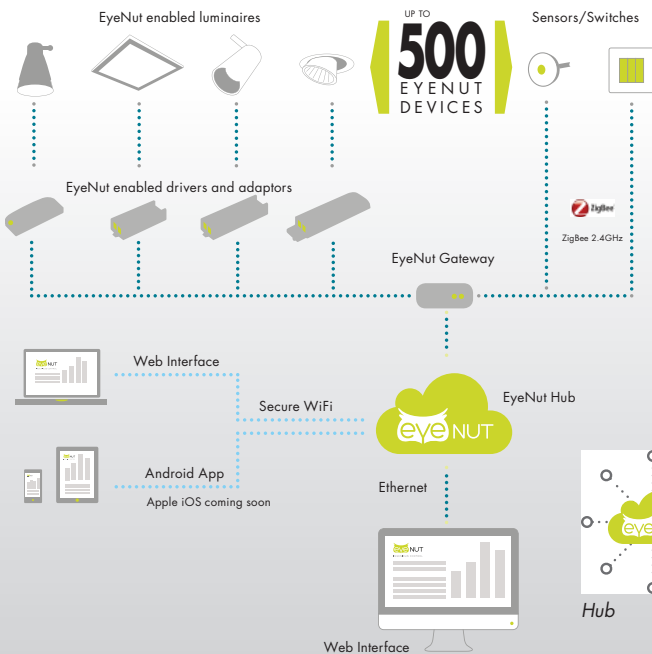
Components

BranchNode

UniNode

https
SSL
SECURE
Web Access
Database

3G
Cellular Network

BranchNode

Nodes

On

Off

Dim

On

TrunkNode
(Standard Web Browser)

eyeNUT

INGENIOUS CONTROL

EyeNut for Indoor

EyeNut is a unique web-based, wireless control, monitoring and management system for indoor lighting. It gives users the freedom to commission, configure and completely control their own lighting to maximize energy savings and reduce carbon emissions.

Installation and initial configuration is simple and controls can be altered at the touch of a button to meet a building's changing needs. Comparisons with existing technology are impressive; it is capable of controlling 500 EyeNut devices from one wireless gateway compared to DALI's 64. EyeNut will also allow connection to Building Management Systems and enable a variety of control strategies to be employed, for example daylight harvesting, occupancy sensing, time scheduling, and scene setting.

EyeNut enabled luminaires

UP TO
500
EYENUT
DEVICES

Sensors/Switches

EyeNut enabled drivers and adaptors

ZigBee 2.4GHz

EyeNut Gateway

Web Interface

Secure WiFi

Android App
Apple iOS coming soon

EyeNut Hub

Ethernet

Web Interface

Components

Hub

Gateway

Adaptor/Driver

Switches

Sensors

VENTURE LIGHTING®

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