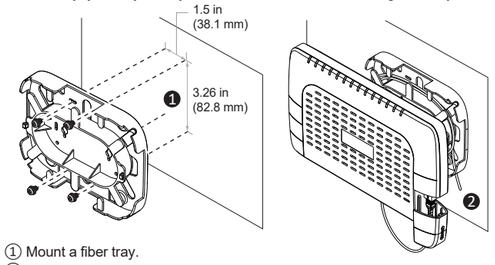
### Wall mount when using a fiber tray

If necessary, you may have your ONT mounted on a wall using fiber tray.




① Mount a fiber tray.
② Wrap extra fiber around the fiber spools in a counter clockwise direction, making sure there is enough flexibility for the fiber to connect to the 2466GN without bending the fiber tighter than a 30 mm radius.
③ Attach the 2466GN to the fiber tray.
④ Connect the optic cable to the GPON port.

## 4. Web Access

You can access the unit through a web browser by using the following steps:

① Connect an Ethernet cable from your computer to GE1 on the 2466GN.
② Launch a browser or telnet session and point it to **192.168.1.1**
③ Enter the username and password.
The default username/password is **admin**/**dzsi**
For security the password should be changed.



V 1.0

# QIG

## Quick Installation Guide

**2466GN**





## 1. Caution

Please follow the instructions below to avoid physical injury:
You should not install the unit during a storm. Likewise you should not connect or disconnect any line to avoid the risk of electric shock.

### Caution & Warning

- *This unit is indoor use and all the communication wirings are limited to inside of the building.*
- *DO NOT plug in, turn on or attempt to operate an obviously damaged unit.*
- *Never look directly at the fiber TX port and fiber cable ends when they are powered on.*
- *DO NOT use near water.*
- *DO NOT place near high temperature source.*
- *DO NOT disassemble the unit.*
- *DO NOT operate the unit in a location where the maximum ambient temperature exceeds 40°C.*
- *Open optical connections must use a protective cap under all circumstances to protect against physical damage and dirt.*
- *Before making connections, use isopropyl alcohol and non-fibrous cellulose to clean the faces of the connectors.*
- *Avoid impact stresses when handling connectors. Physical damage to the faces of optical connections impairs transmission quality (higher attenuation).*
- *Avoid a bend radius in excess of 30 mm for fiber optic links.*
- *Check the available voltage supply.*
- *Only use the unit in dry rooms.*
- *Set up the unit away from direct sunlight or other electrical equipment.*
- *Only connect approved accessories.*
- *It may only be repaired by authorized service personnel.*
- *This equipment is not suitable for use in locations where children are likely to be present.*

### Limited Warranty

- *Not covered under this warranty is defect and damage resulting from product disassembly by yourself. And also, such behavior may amount to intellectual property infringement.*



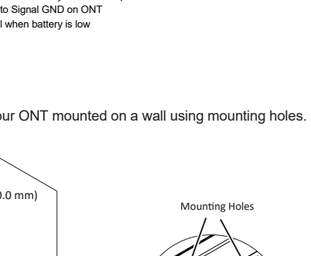
## 2. Introduction

### 2.1 Package Contents

- 2466GN
- QIG (Quick Installation Guide)

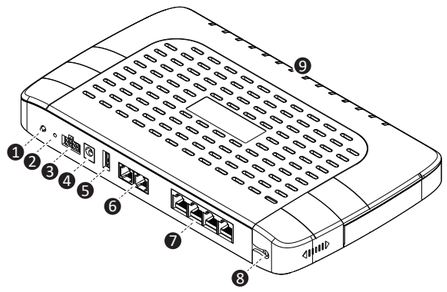
### 2.2 Specification

| Item | Specification |
|---|---|
| Uplink Interface | 1 GPON port (SC/APC) |
| Service Interface | 4 10/100/1000Base-T ports (RJ45) |
| VoIP Interface | 2 FXS ports (RJ11) |
| Power Adapter | Output: DC12V/2A |
| Operating Temp. | 0 to 40°C (32 to 104°F) |
| Operating Humidity | 5 to 95% (non-condensing) |
| Dimensions | 5.83 in (148.1 mm) × 9.91 in (251.80 mm) × 1.5 in (38.4 mm) |





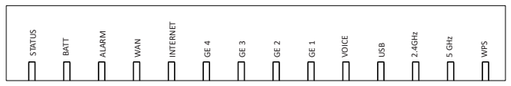

### 2.3 Interface




| Item | Description |
|---|---|
| ① WPS | Enable WPS process. |
| ② RESET button | Reboot the unit. |
| ③ UPS | Power connector and UPS backup power |
| ④ Power port | Connect an external power supply. |
| ⑤ USB | Connect an external 3.0 USB drive |
| ⑥ POTS 1-2 | Connect to VoIP phone. |
| ⑦ GE 1-4 | Connect to PC or LAN.<br>4 10/100/1000Base-T interfaces |
| ⑧ Fiber Connector | Connect optical network. |
| ⑨ LEDs | Operating status LEDs. |



### 2.4 LED



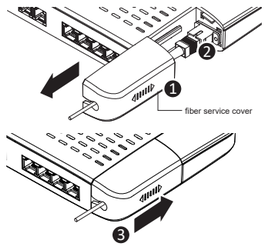

| Label | Light | Status | Definition |
|---|---|---|---|
| STATUS | Green | OFF | Power off |
| | | ON | Normal Operation |
| | | Rapid Blink (10/sec) | Unit has been reset to factory defaults / is unconfigured |
| | | Slow Blink | Boot-up/ Initialization/ provisioning in progress |
| BATT | Yellow | OFF | Normal operation on AC source |
| | | ON | Operating on Battery Power |
| | | Slow Blink (2 / sec) | Battery Alarm (Low Battery, Missing or Replace) |
| ALARM | Red | OFF | No major alarms |
| | | ON | Major Alarm (including operating in battery power) |
| | | Slow Blink (2 / sec) | SW or Config update in progress |
| WAN | Green | ON | Ranged successfully |
| | | Flash | Ranging in progress |
| | | OFF | Not ready for ranging or not provisioned |
| INTERNET | Green | ON | Internet service is available. |
| | | OFF | Internet service is unavailable. (no response from DNS server) |
| GE1-4 | Green | ON | Ethernet interface linked |
| | | Flash | Data transmitting |
| | | OFF | Ethernet interface not linked |



| | | | |
|---|---|---|---|
| VOICE | Green | ON | Registered successfully |
| | | Slow Blink (1/sec) | Off hook |
| | | OFF | Registration failed or telephone service is not provisioned. |
| USB | Green | ON | USB is connected. |
| | | OFF | USB is not connected. |
| 2.4GHz | Green | ON | 2.4GHz WiFi service is enabled on ONT. |
| | | Slow Blink ( 1 / sec ) | 2.4GHz WiFi data passing between ONT and connected devices |
| | | OFF | 2.4GHz WiFi service is disabled on ONT. |
| 5GHz | Green | ON | 5GHz WiFi service is enabled on ONT. |
| | | Slow Blink ( 1 / sec ) | 5GHz WiFi data passing between ONT and connected devices |
| | | OFF | 5GHz WiFi service is disabled on ONT. |
| WPS | Green | ON | WPS successful connection established (for 5 sec) |
| | | Slow Blink (1/sec) | WPS in progress |
| | | OFF | Disabled or process successfully finished |

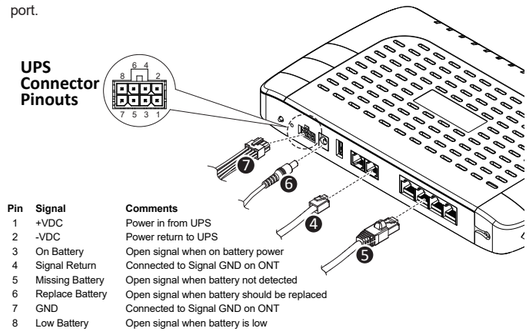
## 3. Installation

① Remove fiber service cover to expose GPON port.
② Connect fiber optic cable with SC/APC termination to the GPON port.
③ Re-attach the fiber service cover onto the 2466GN.





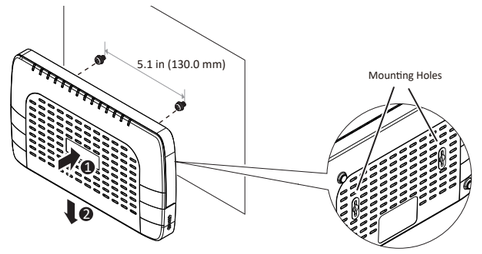

④ Connect the telco cable from POTS port to home phone lines.
⑤ Connect the Ethernet cable from GE port to PC.
⑥ Connect the power cable from power port to an electrical outlet.
⑦ (OPTIONAL) Connect the Battery Backup Unit power and telemetry to the UPS port.




| Pin | Signal | Comments |
|---|---|---|
| 1 | +VDC | Power in from UPS |
| 2 | -VDC | Power return to UPS |
| 3 | On Battery | Open signal when on battery power |
| 4 | Signal Return | Connected to Signal GND on ONT |
| 5 | Missing Battery | Open signal when battery not detected |
| 6 | Replace Battery | Open signal when battery should be replaced |
| 7 | GND | Connected to Signal GND on ONT |
| 8 | Low Battery | Open signal when battery is low |

### Mounting on a Wall

If necessary, you may have your ONT mounted on a wall using mounting holes.



FCC STATEMENT:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference
received, including interference that may cause undesired operation.
Any Changes or modifications not expressly approved by the party responsible for compliance could
void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device,
pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection
against harmful interference in a residential installation. This equipment generates uses and can radiate
radio frequency energy and, if not installed and used in accordance with the instructions, may cause
harmful interference to radio communications. However, there is no guarantee that interference will not
occur in a particular installation. If this equipment does cause harmful interference to radio or television
reception, which can be determined by turning the equipment off and on, the user is encouraged to try to
correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator &
your body

INDUSTEY CANADA STATEMENT:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the
following two conditions: (1) This device may not cause harmful interference, and (2) this device must
accept any interference received, including interference that may cause undesired operation of the
device. In additional, this device complies with ICES-003 of the Industry Canada (IC) Rules.
Any Changes or modifications not expressly approved by the party responsible for compliance could
void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device,
pursuant to Industry Canada licence-exempt RSS standard(s). These limits are designed to provide
reasonable protection against harmful interference in a residential installation. This equipment generates
uses and can radiate radio frequency energy and, if not installed and used in accordance with the
instructions, may cause harmful interference to radio communications. However, there is no guarantee
that interference will not occur in a particular installation. If this equipment does cause harmful
interference to radio or television reception, which can be determined by turning the equipment off and
on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled
environment. This equipment should be installed and operated with minimum distance 20cm between
the radiator & your body

INDUSTEY CANADA STATEMENT(French):
Cet appareil est conforme aux normes RSS exemptes de licence d'Industrie Canada. Son
fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer
d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y
compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'
appareil. De plus, cet appareil est conforme à la norme ICES-003 des règles d'Industrie Canada
(IC).
Tout changement ou modification non expressément approuvé par la partie responsable de la
conformité pourrait annuler l'autorité de l'utilisateur à faire fonctionner l'équipement.
Remarque : cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique
de classe B, conformément aux normes RSS exemptes de licence d'Industrie Canada. Ces limites
sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans
une installation résidentielle. Cet équipement génère des utilisations et peut émettre de l'
énergie de radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions
, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune
garantie que des interférences ne se produiront pas dans une installation particulière. Si
cet équipement cause des interférences nuisibles à la réception radio ou télévision, ce qui
peut être déterminé en éteignant et en rallumant l'équipement, l'utilisateur est encouragé à
essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :
-Réorientez ou déplacez l'antenne de réception.
-Augmenter la distance entre l'équipement et le récepteur.
-Connectez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est
connecté.
-Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.
Cet équipement est conforme aux limites d'exposition aux rayonnements RSS-102 établies pour
un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance
minimale de 20 cm entre le radiateur et votre corps.