

# UNITECH

## GSM Fixed Terminal



*Are you looking for a solution that could save significantly your expenses spent on calling mobile phone numbers ?*

Model:  
GFT - 795

*Can you imagine endless times of talking to a mobile phone without thinking of the costs?*



### **The UNITECH GSM GATEWAY**

*it provides a flexible and cost efficient connection between telephone systems and GSM mobile networks.*

*Connect it to your PABX system or regular phone.*

*When dialing a GSM number, the call bypasses PSTN / PTCL network.*

### **Features :**

- ✦ Detachable / wired high gain antenna allows installation for the best signal location.
  - ✦ Access the internet and e-mail by connecting Unitech Terminal to a computer.
  - ✦ Ideal for temporary telephone lines. ✦ Dual band 900 / 1800 GSM (phase 2).
- ✦ Universal (RJ 11) phone interface guarantees easy connectivity. ✦ No distortion.
  - ✦ 5 LEDs for signal strength, terminal status and helps in trouble shooting.
  - ✦ Industrial level GSM Module ensures reliability. ✦ PABX connectivity.
- ✦ Caller ID, call waiting and call forwarding. ✦ Desktop / wall mount installation.
- ✦ Reduce your GSM / Mobile call costs. ✦ Easy to install, program and maintain
  - ✦ Auto dialing, no SEND key. ✦ Full privacy, no bugging no dubbing.
  - ✦ No cable fault problems. ✦ No cross connections.

*The features / services are dependent on service provider (network operator) and brand / model of PABX this unit is connected to.*

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## GSM Fixed Terminal



Unitech GFT - 786 is a PABX connectivity terminal which serves as a gateway between a GSM network and a company's private branch exchange (PABX). When connected to a PABX it can route incoming and outgoing calls via the mobile telephone network, providing a cost-effective alternative to fixed-to-mobile or mobile-to-fixed telephone calls.

As its name suggests, the Unitech GFT - 786 has been purpose-built for PABX connection. This means that the Unitech GFT - 786 can be connected to the trunk connector of a PABX.

### Technical Specifications :

#### Terminal:

GSM Frequency: 900/1800 MHz

GSM 900

Transmission: 890-915 MHz

Reception: 935-960 MHz

GSM 1800

Transmission: 1710-1785 MHz

Reception: 1805-1880 MHz

Carrier Spacing: 200 KHz

GSM Category Four Transceiver:

2 W for GSM 900

1 W for GSM 1800

Maximum Frequency Deviation:  $\pm 0.1$  ppm

Receiving Sensitivity: -105 dBm

Phase Error:  $< 5^\circ$  RMS

SIM Card: Mini-SIM Card

Shell Material: Flame-retardant ABS

Dimensions: 180x123x35 mm (W, L, H)

Working Temperature Range: -20C to 40C

Humidity Range: =95% RH

Audio Distortion:  $< 3\%$

REN, Ring Equivalent Number: 4

#### Antenna:

Frequency Bandwidth: 80 MHz

Voltage Standing Wave Ratio: =1.5

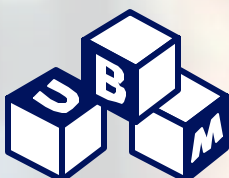
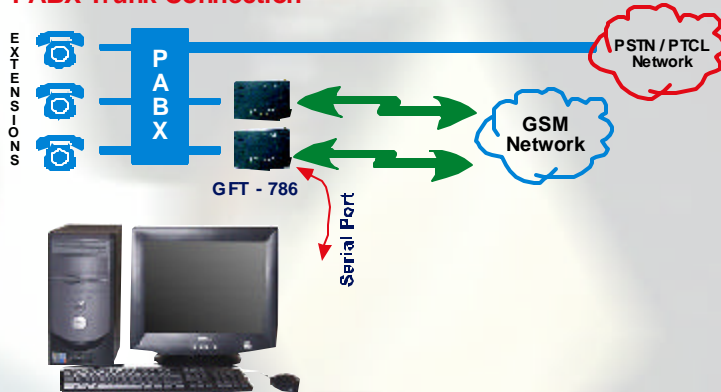
Gain: 3-7 dB, changeable

Input Resistance: 50 $\Omega$

Polarization Mode: Vertical Polarization

### Connectivity Options

#### PABX Trunk Connection



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