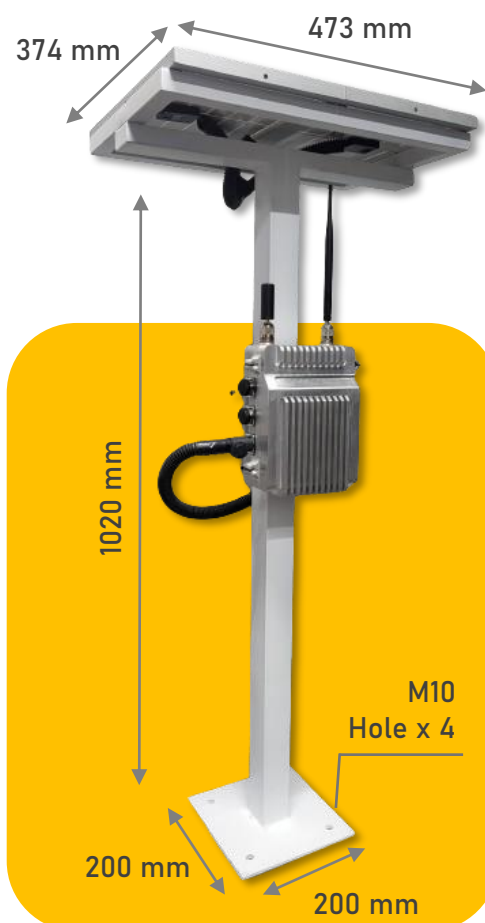




Satellite-Connected Ground Terminal

For Off-Grid IoT Connectivity

GTEX Specifications & Dimensions



GTEX Dimension

92 mm (D)
213 mm (H)
180 mm (W)

**Dimension Excluding Antenna*

**Pedestal with Solar Panel is Optional*

Microcontroller	: Viucom GTEX™ Control Board with Arm Cortex m0+ x 1pcs
Satellite Modem	: Iridium Satellite Communication SBD Modem x 1 pcs
LoRa Chipset	: SX1262 LoRa Chipset by Semtech x 1 pcs
Battery Cell	: Panasonic NCR18650PF battery (rechargeable) 18650 x 8pcs
Casing	: IP68 Anodized Cast Iron x 1pcs
Antenna	: Taoglas External Satellite Antenna SMA (M) Plug x 1pcs : 433 MHz LoRa 8dBi Antenna x 1 pcs
Input Plug	: CN Linko IP67 2, 4 & 5 Pin Industrial Connector X 3 pcs
Input Type	: Complete with I2C input, 12-bit ADC input and LoRa
Internal Storage	: SanDisk 4GB MicroSD Card x 1pcs
Packet Data Size	: 300 bytes per packet data (Max)
Latency	: 10 Seconds to 5 Minutes*

GTEX Network Topology



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