



## GWT's Integrated Antenna Enclosures **GW-900007 & GW-900016**

Empowering carriers and equipment manufacturers  
with a more flexible edge in deploying low-cost  
CPEs or RFID Readers



**GW 900007**



**GW 900016**

GWT's half-foot and one-foot enclosure kits are industry-unique "do-it-yourself" flat panel antenna systems that meet the growing demand in the Broadband Wireless Access & RFID market for highly customizable Customer Premises Equipment (CPE) or RFID Reader solutions.

The Integrated Antenna Enclosure presents a comprehensive, low cost approach for creating tailor-made install their own network-specific electronics and deploy subscriber units Fixed Wireless subscriber units or RFID Readers. Complete with a robust enclosure, mounting kit, adapting plate\* and integrated antenna, the product enables carriers, integrators and equipment manufacturers to simply and quickly i or RFID Readers that meet their mission-critical goals for service diversification.

The IAE is a reflection of GWT's field-proven experience, technological innovation, deep engineering capabilities and impeccable production standards in creating the finest commercial flat panel antennas available. GWT can design the internal adapting plate\* according to a customer's electronic spec and antenna preference and ships a completely customized, "do-it-yourself" kit. Simply install your electronics inside, connect the antenna, fasten the screws - and you have a high quality low-cost CPE unit or RFID Reader ready for deployment.

## Features & Benefits

- **The ultimate customizable CPE / RFID Reader** - low cost, high quality & superior esthetics
- **Flat & Flexible** - accommodates any of GWT's standard antennas from the size of a half foot and above (including diamond shaped antennas)
- **Ample space** - houses all conventional radios, modem & Reader electronics
- **Customizable** - internal adapting plate\* designed to specific assembly needs.
- **Adaptable mounting** - professional mounting kit for both wall and pole installation, azimuth and elevation control
- **Robust & weather-proof** - withstands all electrical and environmental conditions; ETSI compliant
- **Self-install** - Quick set-up enables quick deployment
- **GWT Wireless Edge Inside** - 35 years of field-proven experience; outstanding technology, mechanical design & production; uncompromising quality testing & assurance procedures

# Specifications

Enclosure Size:	GW 900007	305x305x70mm (max external) 250x250x39.5mm (max internal)
	GW 900016	190x190x50mm (max external) 150x150x38mm (max internal)
Antenna Size:	GW 900007	305x305mm (min) 450x450mm (max)
	GW 900016	190X190 mm (min) 450x450mm (max)
Enclosure Weight:	GW 900007	0.55Kg(max) (without antenna)
	GW 900016	2.2 Kg (max) (without antenna)
Connectors		CAT % and N-Type
Power Dissipation	GW 900007	20W max
	GW 900016	15W max
Mounting		Both wall and pole mount
AZ/EL control		Both
Pole Size		00.5"-3"
Temperature		-55°C to 71°C
Vibration		IEC 60721-3-4 4M5 Random
Shock Mechanical		IEC 60721-3-4 4M5
Humidity		100%
Water Tightness		IEC529/IP67
Solar Radiation		ASTMG53 1000 hours
Ice Load		25mm radial
Salt Fog		IEC 68-2-11 Ka 500 hours



The following GWT antennas are compatible with the 1 Foot Enclosure GW-900007:

GWT Model #	Frequency Band	Gain (dBi)	Special Features
GW-262001/S/E	902-928MHz	9	
GW-263003/S/E	902-928MHz	10	
GW-263006/S/E	902-928MHz	12.5	
GW-344041/S/E	2.3-2.7GHz	17.5	
GW-365012/SVH/E	2.4-2.7GHz	18.5	Dual Pol V+H
GW-404014/SV/E	3.3-3.7GHz	14.5	BTS90degV
GW-405036/CS/E	3.3-3.8GHz	18	
GW-405037/S/E	3.3-3.8GHz	21	
GW-445003/SVH/E	4.4-5.1GHz	22	Dual Pol V+H
GW-445004/SVH/E	4.4-5.1GHz	22	Dual Pol V+H
GW-466004/S/E	4.9-5.1GHz	25	
GW-465005/S/E	4.9-5.35GHz	20.5	
GW-484032/SV/E	5.15-5.875GHz	17	
GW-485028/S/E	5.15-5.875GHz	22	Low Cost
GW-485002/S/E	5.15-5.875GHz	23	
GW-485025/SVH/E	5.15-5.875GHz	23	
GW-485034/S/E	5.15-5.875GHz	23	Diamond Shape
GW-486004/S/E	5.15-5.875GHz	26	
GW-486001/S/E	5.15-5.875GHz	28	
GW-486006/SVH/E	5.47-5.875GHz	29.5	JJualPolY+H

The following GWT antennas are compatible with the 1/2 Foot Enclosure GW-900016:

GW Model #	Frequency Band	Gain (dBi)	Special Features
GW-364035/S/R	2.3-2.7GHz	15.5	
GW-344041/CS/R	2.3-2.7GHz	17.5	
GW-30117/S/R	3.3-3.8GHz	16	
GW-405036/CS/R	3.3-3.8GHz	18	
GW-465005/S/R	4.9-5.35GHz	20.5	
GW-485001/S/R	5.15-5.875GHz	18	
GW-485028/S/R	5.15-5.875GHz	22	
GW-485034/S/R	5.15-5.875GHz	23	Diamond Shape
GW-465008/S/R	6-6.4GHz 22.5		
GW-30021/S/R	10.15-10.65GHz	25	

Other antennas available upon special request

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