

GSM Connect – DAS

6 BAND DISTRIBUTED ANTENNA SYSTEM (with active splitters)



Indoor GSM coverage EMEA

- 2G + 3G + 4G + 5G
- Unlimited number of simultaneous calls
- All operators
- Remote monitoring / Settings / Alarms / Logging
- CE conform
- Full operator network protection
- with network scanning
- Full automatic
- All 6 frequency bands 700 / 800 / 900 / 1800 / 2100 / 2600 MHz
- Up to 256 indoor antennas
- Very low radiation level (SAR)
- Tailor made solutions
- LCD touch display
- GPS
- Embedded 4G Telit Modem

HAM INTERNATIONAL

GSM CONNECT

19 INCH GSM 2G 3G 4G 5G antenna combiner/amplifier 6 band



Piggyback mount



Ethernet



Wallmount



Touch screen

Type:	GCO B19"VLGDWH+60/4 -G-MOD
Frequency range:	703-788 / 791-862 / 880-960 / 1710-1880 / 1920-2170 / 2500-2690MHz
Coverage:	1000m ² per internal antenna at max. outdoor signal only (Typical 500m ²)
Number of users:	> unlimited > only depending on operator capacity
Latency:	< 0.3μS on all frequency bands
Gain:	60 dB downlink and 60 dB uplink on each frequency band +- 2dB
Dual carrier IMD:	better than -55 dBm at max. power
Band pass ripple:	< 5 dB
Input/output impedance:	50 Ohm
Input port:	N FEMALE connector max. -30 dBm (overload protected)
Output ports:	4 x SMA connector typical 0 dBm (max. 6 dBm each band)
Ethernet port:	RJ45 for monitoring - logging - adjustment
GPS port:	SMA female with 3,3 V DC
Operating temperature range:	-30°C to +70°C - static fan less cooling - no noise
Power supply / consumption:	110 – 240 V AC 0.5A / Output 12 V DC 5A / max. 30W / min. 20W
Oscillation control:	Automatic
Uplink control:	Automatic on/off – conducted uplink noise < -80 dBm @100 kHz
Level control downlink & uplink:	Automatic – continuously monitored and adjusted > AGC range 40 dB
Surge protection:	Built in on all connectors and outdoor antenna
DC protection:	12-30 V DC port reverse polarity and overvoltage protected
Maximum working distance:	Depending on operator settings but typical 35 km, up to max. 80 km
LCD touch display:	Info per frequency band > status - signal - AGC - uplink - overload - power on

MECHANICAL SPECIFICATIONS:

Rack mountable chassis:	Aluminium front 19" 2RU (wall mount options available)
Dimensions:	H : 2U 88mm W : 450mm D : 310mm without handles 40mm front and back
Weight:	5kg

Back side:



Your dealer: