

# GSM Connect – DAS

## 6 BAND (DISTRIBUTED ANTENNA SYSTEM)



### 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
- 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 (optional)

# HAM INTERNATIONAL

# GSM CONNECT

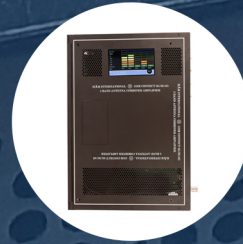
## 19 INCH GSM 2G 3G 4G 5G antenna combiner/amplifier 6 band



Piggyback mount



Ethernet



Wallmount



Touch screen

<b>Type:</b>	<b>GCO B19"VLGDWH+60/4 (EMEA)</b>
Frequency range:	703-788 / 791-862 / 880-960 / 1710-1880 / 1920-2170 / 2500-2620MHz
Coverage:	1000m <sup>2</sup> per internal antenna at max. outdoor signal only (Typical 500m <sup>2</sup> )
Number of users:	> unlimited > only depending on operator capacity
Latency:	< 0.3μS on all frequency bands
Gain:	60 dB downlink > 50 dB uplink on each frequency band > 57 dB wideband
Dual carrier IMD:	better than -55 dBm at max. power
Band pass ripple:	< 3 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)
Ethernet port:	RJ45 for monitoring - logging - adjustment
GPS port:	SMA female with 3,3V DC
Operating temperature range:	-30°C to +60°C - static fan less cooling - no noise
Power supply / consumption:	Input 110 – 240 V AC 0.5A Output 12 V DC 5A / typical 30W > 50Watt max.
Oscillation control:	Automatic
Uplink control:	Automatic on/off – conducted uplink noise < -80 dBm
Level control downlink & uplink:	Automatic – continuously monitored and adjusted > AGC range 30 dB
Surge protection:	Built in on all connectors and outdoor antenna
DC protection:	12V DC port reverse polarity and overvoltage protected
Maximum working distance:	Depending on operator settings but typical up to max. 35km
LCD touch display:	Info per frequency band > status - signal - AGC - uplink - overload - power on
<b>MECHANICAL SPECIFICATIONS:</b>	
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: