

# SECURITY - Long Range Technology

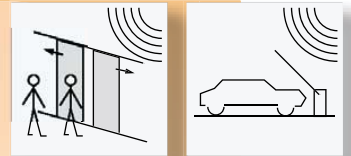
- Access Control, Fleet management,
- Anti-theft, Asset tracking,
- Asset and Personnel tracking, Special patients in hospitals...



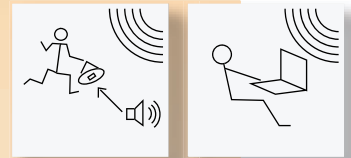
High-Performance

**HYPER X™**  
IDENTIFICATION SYSTEMS  
Long Range Technology

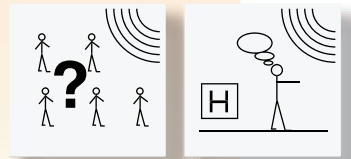
**WHO ARE YOUR OWN VIPs ?**  
for the comfort of the personnel and the standing of your company.



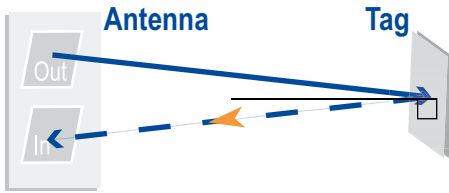
**WHO TAKES WHAT ?**  
for the protection of your assets and your data.



**WHERE IS WHO ?**  
for the security of your staff and your equipment - e.g. in dangerous areas.



## OPERATING PRINCIPLE



The reading antenna emits a carrier wave at 2,45GHz without modulation.

This incident wave is reflected by the tag only - i.e. referred to passive mode :

- The tag life time is constant regardless of the number of read sequences
- The tags are identified at the same distance with regard to a same reference reader

## MAIN FEATURE



### SEMI PASSIVE TAG

Long life  
Credit card size  
Tag encoding according to requirement



### MULTI-IDENTIFICATION

Several tags identified at the same time  
Tracking & Antitheft



### MULTI-ENVIRONMENT

Identification behind a windshield  
or inside the driver's pocket



### MULTI-POSITION

Identification in any position  
Comfort



### IMMUNITY

Identification relatively insensitive to environment  
Reliable operation

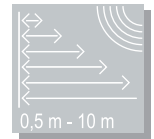
### DIRECTIVITY

Well-defined identification zone due to directive and small antennas



### LONG RANGE

Identification on from a few centimeters to over 10 meters (30 feet)  
Comfort



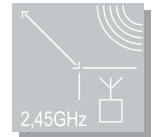
### MULTI-READER

Parallel installations of several readers without RF interference



### INSTALLATION

Small size antennas  
Invisible antenna  
Prestige



### INTERFACES

ISO2 - CLOCK & DATA  
WIEGAND 26 BITS - DATA 0 & DATA 1  
RS232/422/485 - JBUS™ MODBUS™



## READER LINE

DIRECTIVITY	0,5 - 1m (2-3 feet)	2 m (6 feet)	3 - 4 m (9-12 feet)	5 -7 m (15 - 20 feet)	8-10 m (25-30 feet)
22° x 45°				LML_4054	
45° x 45°			LMB_6033	LMB_6034 LML_4034	LMB_6035 LML_4035
90° x 90°	LPR_3010 LPR_3015	LMB_6012	LMB_6013 LML_4013		

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