

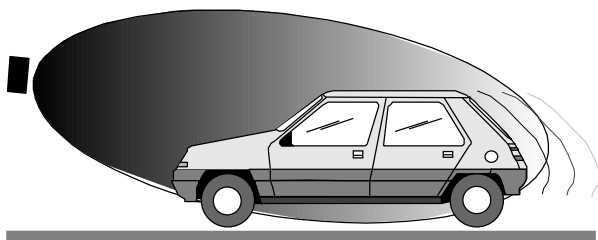
IDENTIFICATION IN THE 2.45 GHz RF BAND

HYPER

" Whatever your application or your problem...
HYPER X™ is the RELIABLE and HIGH-PERFORMANCE solution "

ACCESS CONTROL for People and Vehicles
ASSET TRACKING for Objects, People and Vehicles
MONITORING for special Patients
ANTI-THEFT Identification

- VEHICLE ACCESS CONTROL
- CAR PARK MANAGEMENT



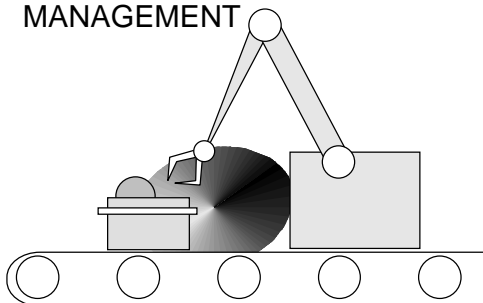
- PERSONNEL ACCESS CONTROL



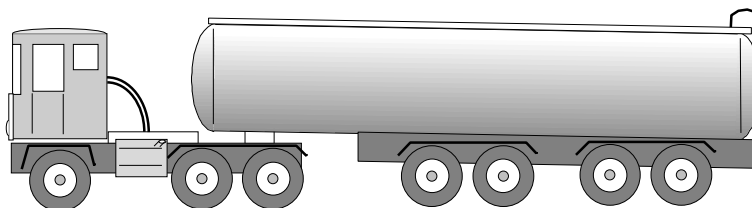
- ANTI-THEFT



- FACTORY LINE MANAGEMENT



- FLEET MANAGEMENT OF TRUCKS
AND CONTAINERS



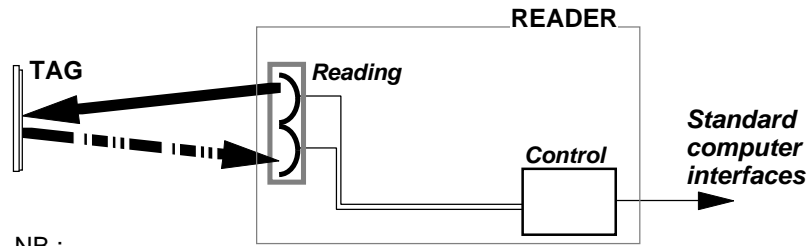
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HYPER X™ is a trade mark from BALOGH HYPER.ID

HYPER X



OPERATING PRINCIPLE



NB.:

- The incident wave is reflected by the tag which does not need any power for this
- The tag life time is constant regardless of the number of read sequences
- All tags are identified at the same distance with regard to a reference reader

TAGS

MAIN FEATURES

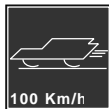
READERS



Semi-passive tags
Credit card size (thickness about 3mm)
Tag encoding according to requirement



Several identifications at the same time



Identification in a moving vehicle



Identification in any position

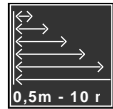


Identification relatively insensitive to environment

Well-defined identification zone due to directive and small antennas



Identification from a few centimeters to over 10 meters (33feet)



Parallel installations of several readers without RF interference



Identification behind a windshield



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



PRODUCT LINE

Directivity	R E A D E R						
	0,05 m	0,5 m	1 m	2 m	3 m	5 m	10 m
22° x 45° : AT5						LML_4054	
45° x 45° : AT3						LML_4034 LMB_6034	LML_4035 LMB_6035
45° x 90° : AT2							
90° x 90° : AT1	LPR_5001	LPR_3010	LPR_3015	LMB_6012	LML_4013 LMB_6013		

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Reference : DOC_2088 - Version 5.1
 Updated : 22nd September 1999



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