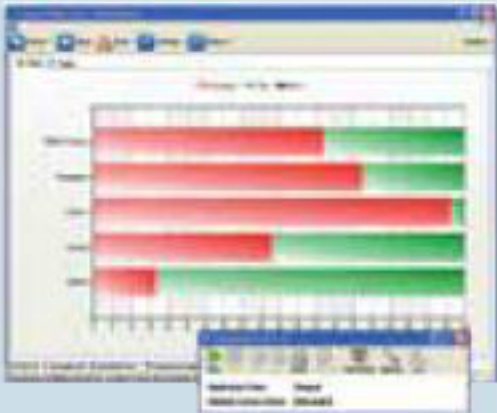


Dupline® Parking guidance system

	Sensors	Carpark monitor	Passive indicators	Bus controlled indicators
Types	GP6220../GP6240..	GP3482 9091	GP6289..	GP6265..
				
Dimensions (mm)	Ø118 x 76	77 x 72 x 70	Ø118 x 76	Ø118 x 76
Functions	Ultrasonic sensors for detection of cars with or without LED indication	Configurable device for monitoring of free parking bays in an carpark	Passive indicator for sensor	3 coloured bus controlled indicator
Housing type	Direct mounting on ceiling	Mounting on DIN rail	Direct mounting on ceiling	Direct mounting on ceiling
Electrical specifications				
Number of channels	2 - 3	-	-	1 - 2
Features/Signal types	1 x signal for occupancy. 1 x signal for common calibration	Programmable device with builtin RS485 for displays. 120 sensors can be connected to the Monitor module	No programming. Only wire connected	Colours can be controlled via the Dupline® bus
Power supply	3-wire system with Dupline® and sensor supply	Dupline® 3-wire system with power for the L1 and L2 bus		3-wire system with Dupline® and LED supply
General specifications				
Degree of protection	IP 34	IP 20	IP 34	IP 34
Operating temperature	-40°C to +70°C	-40°C to +50°C	-40°C to +70°C	-40°C to +70°C
Storage temperature	-40°C to +85°C	-50°C to +85°C	-50°C to +85°C	-50°C to +85°C
References				
Red/Green LED	GP6220 2201		GP6289 0101	
Red/Blue LED	GP6220 2202		GP6289 0102	
Without LED	GP6240 2224			
Red/Green/Orange LED	GP6220 3301			GP6265 2301 GP6265 2301-1
Red/Green/Blue LED	GP6220 3302			GP6265 2302
Red/Blue/Orange LED	GP6220 3303			GP6265 2303
Red/Green LED US-version	GP6220 2201-US		GP6289 0101-US	
Red/Blue LED US-version	GP6220 2202-US		GP6289 0102-US	
Without LED US-version	GP6240 2224-US			
Red/Green/Orange LED US-version	GP6220 3301-US			GP6265 2301-US GP6265 2301-1-US
Red/Green/Blue LED US-version	GP6220 3302-US			GP6265 2302-US
Red/Blue/Orange LED US-version	GP6220 3303-US			GP6265 2303-US
Dupline® Carpark monitor		GP3482 9091 724		
Dupline® Carpark monitor for automatic booking systems		GP3482 9091 724-1		

Dupline® Parking guidance system				
	Carpark interface		Master Zone Counter	
Types	GP3496 0005	GP32900003	GP32900030	GPMZC-SET
				
Dimensions (mm)	77 x 72 x 70	35 x 90 x 63,5	35 x 90 x 63,5	105 x 90 x 63,5
Functions	Interface for Modbus-RTU with the function of a slave	Channel Generator function for L ₁ or L ₂	Controller in the Dupline® zone counting system	Master Zone Counter up to 3840 places
Housing type	Mounting on DIN rail	Mounting on DIN rail	Mounting on DIN rail	Mounting on DIN rail
Electrical specifications				
Power supply	20-30 VDC 3-wire system	15-24 VDC ±20% 3-wire system	15-24 VDC ±20%	15-24 VDC ±20%
Features				
	RS232/RS422/RS485 port for making an interface to the control system. Multidropping of up to 16 devices on RS485	Channel Generator and power function for supplying the L ₁ or the L ₂ bus	Controller unit with webserver included. Ethernet port + 2 x RS485 ports	Complete zone count solution comprised of 1 x GP3290 0030 700 and 2 x GP3290 0003 700
General specifications				
Degree of protection	IP 20	IP 20	IP 20	IP 20
Operating temperature	-40°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Storage temperature	-50°C to +85°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C
References				
Dupline® Master Module	GP3496 0005 700			
Dupline® Carpark Master Zone Counter	GPMZC-SET			
Channel Generator with power on the 3 wire	GP3290 0003 700			
Carpark Controller with webserver	GP3290 0030 700			

Dupline® Parking guidance system

Software		Displays		
Types	DUP-PGS-SWxx	GP67630106	GP67630107-08	GP67630109-11
				
Dimensions (mm)		145 x 145 x 60	145 x 240 x 60	145 x 335 x 60
Functions	A data logging, visualization and alarm handling software package to be installed in a windows based PC	Able to show green arrow, red cross or single digit	Able to show green arrow, red cross or single digit, together with disabled sign	3 character display with high flexibility to show digits, arrow, cross and disabled sign
Housing type		Aluminium box with plexiglass front	Aluminium box with plexiglass front	Aluminium box with plexiglass front
Electrical specifications				
Power supply		18-24 VDC / 15-25 W	18-24 VDC / 30-50 W	18-24 VDC / 40-60 W
Features				
	Client/server program that is developed to the GP34960005 Carpark Master Module together with Moxa RS485/ethernet connectors	Guides the driver by showing moving green arrow or red cross for a lane or area in the carpark	Guides the disabled driver by showing moving green arrow or red cross for a lane or area in the carpark	Guides the driver or disabled driver by showing moving green arrow or red cross as well as number of free spaces for a lane or area in the carpark
General specifications				
Degree of protection		IP 55	IP 55	IP 55
Pollution degree		3 (IEC 60664)	3 (IEC 60664)	3 (IEC 60664)
Operating temperature		-15°C to +50°C	-15°C to +50°C	-15°C to +50°C
Humidity		0 to 90% non condensing	0 to 90% non condensing	0 to 90% non condensing
References				
Dupline Carpark 250 parking spaces	DUP-PGS-SW250			
Dupline Carpark 500 parking spaces	DUP-PGS-SW500			
Dupline Carpark 1000 parking spaces	DUP-PGS-SW1000			
Dupline Carpark 2000 parking spaces	DUP-PGS-SW2000			
Dupline Carpark 3000 parking spaces	DUP-PGS-SW3000			
Dupline Carpark 4000 parking spaces	DUP-PGS-SW4000			
Dupline Carpark 5000 parking spaces	DUP-PGS-SW5000			
Dupline Carpark 6000 parking spaces	DUP-PGS-SW6000			
Dupline Carpark 7000 parking spaces	DUP-PGS-SW7000			
Dupline Carpark 8000 parking spaces	DUP-PGS-SW8000			
Dupline Carpark 9000 parking spaces	DUP-PGS-SW9000			
Dupline Carpark 10000 parking spaces	DUP-PGS-SW10000			
1 segment display		GP67630106		
2 segment display			GP67630107 GP67630108	
3 segment display				GP67630109 GP67630110 GP67630111

Dupline® Parking guidance system			
Displays			
Types	GP67630116	GP6763 0112 - 14	GP6763 0115
			
Dimensions (mm)	145 x 430 x 60	145 x 910 x 60 (113+114) 145 x 815 x 60 (112)	210 x 1170 x 60
Functions	4 character display with high flexibility to show digits, arrow and cross	8 character display. 113+114 has also disabled, red cross or green arrow function	9 character display. 113+114 has also disabled, red cross or green arrow function
Housing type	Aluminium box with plexiglass front	Aluminium box with plexiglass front	Aluminium box with plexiglass front
Electrical specifications			
Power supply	18-24 VDC / 60-100 W	18 - 24 VDC 35-50 W power consumption	18 - 24 VDC Typical 35 W power consumption
Features			
	Guides the driver by showing moving green arrow or red cross as well as number of free spaces for a lane or area in the carpark	Show a text on max. 8 character. The text is of costumers own choice. RS 485 communication	Show a text on max. 9 character. The text is of costumers own choice. RS 485 communication
General specifications			
Degree of protection	IP 55	IP 55	IP 55
Pollution degree	3 (IEC 60664)	3 (IEC 60664)	3 (IEC 60664)
Operating temperature	-15°C to +50°C	-15°C to +50°C	-15°C to +50°C
Humidity	0 to 90% non condensing	0 to 90% non condensing	0 to 90% non condensing
References			
4 segment display	GP6763 0116		
		GP6763 0112	
8 segment display		GP6763 0113	
		GP6763 0114	
9 segment display			GP6763 0115