INTEREL
TRADING

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DIVUS®
Show it. Control it.

DIVUS CIRCLE/SQUARE small C*

CORIAN(R) OPAQUE SURFACES

Deep Nocturne	Silver Gray	Designer White

DATASHEET: JAN. 2022

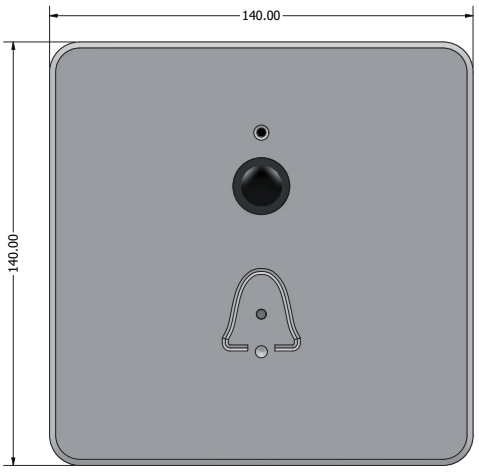
DIVUS CIRCLE/SQUARE small C*

OUTDOOR INTERCOM STATION FOR WALL MOUNT
TECHNICAL DATA

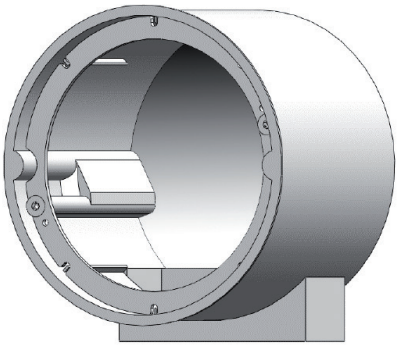
	DIVUS CIRCLE small CORIAN(R)	DIVUS SQUARE small CORIAN(R)
FUNCTIONALITIES		
Main functions	Voice communication over SIP/VoIP IP cam video streaming via RTSP/SIP Optional: RFID reader (opens door over card / badge)	
DIMENSIONS		
DIVUS CIRCLE/SQUARE small C	CORIAN(R) external diameter: 140 mm Depth (protruding from wall): 12 mm	CORIAN(R) square format: 140 * 140 mm Depth (protruding from wall): 12 mm

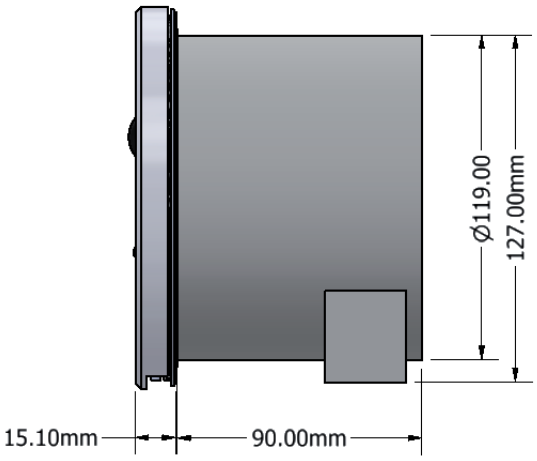
VERSIONS AND COLORS OF CORIAN(R) OPAQUE SURFACE

Deep Nocturne	CIRCLE small C-DN	SQUARE small C-DN
Designer White	CIRCLE small C-DW	SQUARE small C-DW
Silver Gray	CIRCLE small C-SG	SQUARE small C-SG



Wall mounting box (flush)	Depth: 91 mm Diameter-box bottom: 119 mm





DIVUS CIRCLE/SQUARE small C*

OUTDOOR INTERCOM STATION FOR WALL MOUNT
TECHNICAL DATA

	DIVUS CIRCLE small CORIAN (R)	DIVUS SQUARE small CORIAN (R)
DESIGN		
	Compact device for wall mount; noiseless and without any rotating part, low power consumption. CIRCULAR surface in CORIAN (R) in opaque colors black, white and grey Aluminium back case	Compact device for wall mount; noiseless and without any rotating part, low power consumption. SQUARE surface in CORIAN (R) in opaque colors black, white and grey Aluminium back case
Housing	Metal barrel for flush-mounting	
Protection	IP54 in conjunction with suitable housings / no direct sunlight	
Mounting height top edge	- 155-160 cm above the floor - 135-140 cm above the floor for people with disabilities or special needs	
ENVIRONMENT CONDITIONS (in protected outdoor areas)		
Temperature	-15°C to +40°C max.	
Relative humidity	15% to 80%	
POWER SUPPLY VOLTAGE		
Power Supply Voltage	24/48 VDC (min 1,6A/min.0,8 A) / PoE+	
Current ratings - max:	200 mA @ 48 VDC	
Current ratings - idle:	90 mA @ 48 VDC	
CONNECTIVITY		
	1x RJ45 ethernet 1x RS485 serial interface (connects to the I/O-MODULE)	
CAMERA		
Sensor	1/3 CMOS sensor	
Resolution	1920x1080. 1-25 fps	
Lens	Wide-angle fish-eye lens; 1,7 mm, f 1/2,5”	
Coding Format	H.264	
AUDIO		
Inout/output	Microphone and loudspeaker (3W)	
Built-in functions	Acoustic echo cancelling, full duplex	
RFID (OPTIONAL)		
Standard	Mifare / ISO 14443A	
Frequency	13,56 MHz	
STANDARDS		
	CE conformity	
OUTPUTS		
	Through I/0 module (see separated data sheet) or with internal relay output	
VISUAL / INTERACTION		
Status	Status LED front side	
Touch	Capacitive ring button	

DIVUS I/O MODULE

FOR DIVUS CIRCLE AND DIVUS CIRCLE/SQUARE small

TECHNICAL DATA

	I/O MODULE
CHARACTERISTICS	
The I/O module can control external loads such as electric locks (variable load between 250 mA and 1.5A at 12-24V) and standard lightings (12 - 220V). The module is connected via RS 485 to the master DIVUS CIRCLE or CIRCLE small device and is able to execute the commands programmable on the CIRCLE device.	
HARDWARE DESCRIPTION	
SPECIFICATION	
POWER SUPPLY	12-50 V DC 12-35 V AC
OPERATING TEMPERATURE RANGE	-20°C ÷ 70°C
CONNECTIVITY	
RS 485	Max. distance 1km Max Bit rate: 115200 bps Terminal resistance settable via switch
INPUTS/OUTPUTS	
DIGITAL INPUTS	Amount: 4 optoisolated Input type: NPN Type of connection:open-drain, com to GND
OUTPUTS	Amount:2 Output voltage: 12/24 V DC settable depend on supply voltage board Maximum current deliverable:1,5 A (total)
RELAYS	Amount:2 Maximum current: 6A resistive load Maximum tension: 250 VAC, 25 VDC Form C relays are SPDT and break the connection with one throw before making contact with the other (break-before-make)

DIVUS I/O MODULE

FOR DIVUS CIRCLE AND DIVUS CIRCLE/SQUARE Small

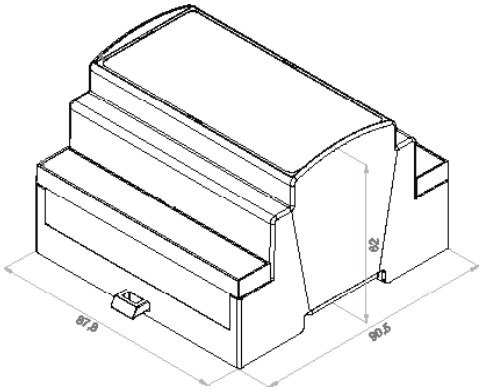
TECHNICAL DATA

	I/O MODULE

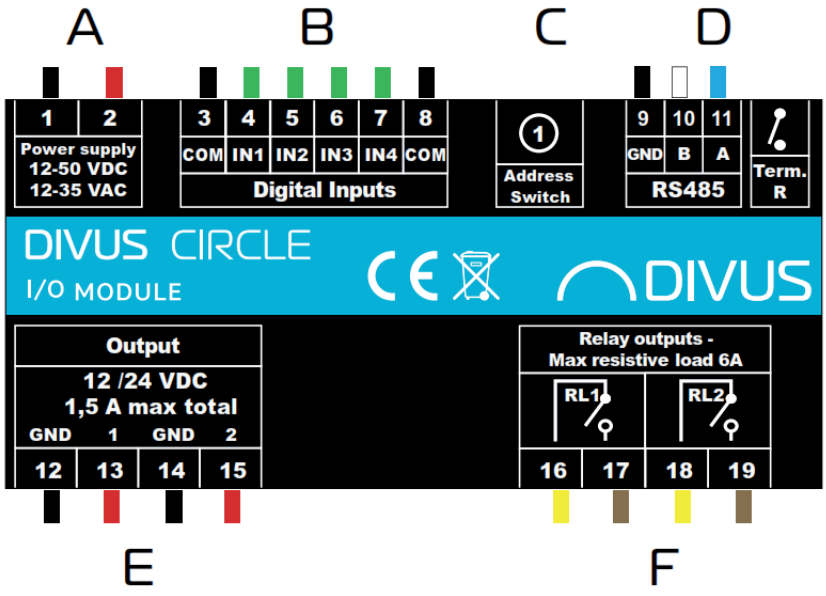
MECHANICAL DESCRIPTION

DIN RAIL MOUNTING BOX

The container for electronic instruments that can be hooked onto the DIN rail (EN60715) has been chosen according to DIN 438880 standards, as shown in the figure. It's a 5 modules unit.



CONNECTION DETAILS



A.	Power supply (reversable)
B.	4 digital inputs
C.	Rotary switch for modbus address
D.	RS-485 - FTP AWG20/24 cable (Connect the cable shield to GND pin)
E.	2 Programmable outputs 12/24 VDC (max. 1.5 A total) on both ports
F.	2 Relay outputs to connect light, FCU, roller shutter motors, any other controlled load