

EMERGENCY CALL SYSTEM KVS 2000

Communication range limits:	cooper wire 2 x 2 x 0,9 mm ²	optics	Eth-IP
Roadside, no amplifier:	100 km	50 km	/
Roadside, with amplifier: range / density	150 / 100 km	no limit / 50 km	/
Tunnel:	< 50 per line	no limits	no limits; CAT > 5
Power supply range:	cooper wire 2 x 0,9 mm ²	Solar	Eth-IP
Roadside: voltage; range / p.s. density	110 V DC; 20 km / 10 km	12 V DC; 200 m / every pair	/
Tunnel: voltage; range / p.s. density	110 V DC; < 50 per line / every unit	/	like cooper line
Unit power consumption: active / standby	2,5 W / 0,5 W	3 W / 0,8 W	5,2 W / 3 W
Roadside pillar:			
Pillar body:	stainless steel; RAL2004, approx.: 400 x 400 x 1900 mm; KVS standard design		
Light marker:	LED; yellow; Ø 22mm; > 10.000 mcd / 7°		
Pillar speakerphone unit:			
Main material:	anodized aluminum, triple coated; RAL2004; approx: 170 x 425 x 162 mm		
Pushbutton:	piezzo-ceramic - no mechanical parts; Ø 22 mm; > 10 ⁶ switches		
Microphone:	dynamic; 500 Ω; 400 - 8.000 Hz		
Speaker:	Ø 97 mm; 20 Ω; 6/15 W; 101 bB; 500 - 7.500 Hz		
Call progress indicator:	LED red; 3.000 mcd / 20°		
Tunnel handset unit:			
Handset area:	HI-II reflective sticker; 300 x 500 mm; niche installation-door mounted		
Handset:	rubber / anodized aluminum, triple coated; RAL2004; 320 x 100 mm		
Hook-switch:	stainless steel; inductive hook-switch; Ø 45 mm		
Microphone:	dynamic; 32 Ω; 200 - 12.000 Hz		
Speaker:	dynamic; 30 Ω; 200 - 10.000 Hz		
Call progress indicators:	2 x red / green, diffuse LED; Ø 30 mm; 12 V DC		