

ROSSLARE

# STANDALONE

## INNOVATION FOR APPLICATIONS



- Up to 500 users
- Enhanced reliability
- Long term duration
- Suitable for outdoor use
- Designed to withstand harsh weather environments
- Various applications of uses



CE **RoHS**  
COMPLIANT

www.tuv.com  
TÜVRheinland  
ID: 009100992

EN ISO 13485

www.tuv.com  
TÜVRheinland  
ID: 009100992

TÜVRheinland  
**CERT**  
ISO 9001  
ISO 14001

info@rosslaresecurity.com

**ROSSLARE**  
SECURITY PRODUCTS  
www.rosslaresecurity.com



Description	AC-A42	AC-B32	AC-B31	AC-C31	AC-D31	AC-C32	AC-D32	AC-A41
<b>Application/ Differentiation</b>	Indoor PIN & Prox Standalone Controller	Indoor PIN & Prox Standalone Controller	Indoor PIN Standalone Controller	Indoor Mullion PIN Standalone Controller	Indoor PIN Standalone Controller	Indoor Mullion PIN & Proximity Standalone Controller	Indoor PIN & Proximity Standalone Controller	Indoor PIN Standalone Controller
<b>Read Range</b>	90 mm (3.5")	80 mm (3.15")	N/A			70 mm (2.75")	80 mm (3.15")	N/A
<b>Authentication – Single (PROX) / Dual (PROX &amp; PIN)</b>	Dual authentication with Rosslare PROX + PIN		Single authentication with Rosslare PIN			Dual authentication with Rosslare PROX + PIN		Single authentication with Rosslare PIN
<b>Prox Output Formats</b>	Wiegand 26-Bit		N/A			Wiegand 26-Bit		N/A
<b>Operating Voltage Range</b>	12 to 16V DC							
<b>Inputs &amp; Outputs</b>	Inputs: REX, Auxiliary Outputs: Auxiliary	Inputs: REX					Inputs: REX, Auxiliary Outputs: Auxiliary	
<b>Capacity</b>	500 users							
<b>Standby Current</b>	40 mA	35 mA	35 mA	20 mA	35 mA	35 mA	35 mA	40 mA
<b>Maximum Current</b>	100 mA	80 mA	80 mA	60 mA	80 mA	80 mA	80 mA	100 mA
<b>Dimensions (H x W x D)</b>	122 x 75 x 24 mm 4.8 x 2.95 x 0.94"	92 x 92 x 24 mm 3.6 x 3.6 x 0.94"	92 x 92 x 24 mm 3.6 x 3.6 x 0.94"	130 x 42 x 18 mm 5.1 x 1.65 x 0.7"	122 x 75 x 24 mm 4.8 x 2.95 x 0.94"	130 x 42 x 18 mm 5.1 x 1.65 x 0.7"	122 x 75 x 24 mm 4.8 x 2.95 x 0.94"	122 x 75 x 24 mm 4.8 x 2.95 x 0.94"
<b>Mounting</b>	US Gang Box	US Gang Box	US Gang Box	Mullion	US Gang Box	Mullion	US Gang Box	US Gang Box
<b>IP Rating</b>	IP34							
<b>Operating Temperatures</b>	0°C to 63°C (32°F to 145°F)							
<b>Product Warranty</b>	2 years							



Description	AC-F44	AC-G44	AC-F43	AC-G43	AC-Q44	AC-S73	AC-T73
<b>Application/ Differentiation</b>	Outdoor Backlit PIN & PROX Standalone Controller		Outdoor Backlit PIN Standalone Controller		Anti-Vandal Piezo PIN & Prox Standalone Controller	Secured Piezo PIN Standalone Controller	
<b>Read Range</b>	75 mm (2.95")	80 mm (3.15")	N/A		65 mm (2.5")	N/A	
<b>Authentication – Single (PROX) / Dual (PROX &amp; PIN)</b>	Dual authentication with Rosslare PROX + PIN		Single authentication with Rosslare PIN		Dual authentication with Rosslare PROX + PIN	Single authentication with Rosslare PIN	
<b>Prox Output Formats</b>	Wiegand 26-Bit		N/A		Wiegand 26-Bit	N/A	
<b>Operating Voltage Range</b>	12 to 24 VDC 16 to 24 VAC					12 VDC	
<b>Inputs &amp; Outputs</b>	Inputs: REX, Auxiliary Outputs: Auxiliary					Inputs: REX * Lock Strike Relay via Intelligent Power Supply	
<b>Capacity</b>	500 Users						
<b>Standby Current</b>	95 mA		75 mA		65 mA	15 mA	
<b>Maximum Current</b>	160 mA		125 mA		125 mA	92 mA	
<b>Dimensions (H x W x D)</b>	121 x 71 x 30 mm 4.72 x 2.8 x 1.17"	135 x 44 x 28.5 mm 5.33 x 1.74 x 1.1"	121 x 71 x 30 mm 4.72 x 2.8 x 1.17"	135 x 44 x 28.5 mm 5.33 x 1.74 x 1.1"	120 x 76 x 22 mm 4.72 x 3 x 0.85"	149 x 42 x 27 mm 5.87 x 1.65 x 1.06"	120 x 65 x 27 mm 4.72 x 2.56 x 1.06"
<b>Mounting</b>	US Gang Box	Mullion	US Gang Box	Mullion	US Gang Box	Mullion	US Gang Box
<b>IP Rating</b>	IP65						
<b>Operating Temperatures</b>	-30°C to 65°C -22°F to 150°F				-20°C to 60°C -4°F to 140°F		-31°C to 63°C -25°F to 145°F
<b>Product Warranty</b>	5 years						

\* AC-S43/T43 are the standard Standalone variants for AC-S73/T73 (regular power-supply)



Description	AC-Q41H	AC-Q41SB	AC-Q41HB	AC-Q42H	AC-Q42SB	AC-Q42HB
<b>Application/Differentiation</b>	Anti-Vandal PIN Standalone Controller	Anti-Vandal Slim Backlit PIN Standalone Controller	Anti-Vandal Backlit PIN Standalone Controller	Anti-Vandal PIN & Prox standalone Controller	Anti-Vandal Slim Backlit PIN & Prox Standalone Controller	Anti-Vandal Backlit PIN & Prox Standalone Controller
<b>Read Range</b>	N/A			65 mm (2.5")		
<b>Authentication – Single (PROX) / Dual (PROX &amp; PIN)</b>	Single authentication with Rosslare PIN			Dual authentication with Rosslare PROX + PIN		
<b>Prox Output Formats</b>	N/A			Wiegand 26-Bit		
<b>Operating Voltage Range</b>	12 to 24 VDC 12 to 24 VAC			12 to 24 VDC 16 to 24 VAC		
<b>Inputs &amp; Outputs</b>	Inputs: REX, Auxiliary Outputs: Auxiliary					
<b>Capacity</b>	500 Users					
<b>Standby Current**</b>	40 mA	70 mA	70 mA	65 mA	85 mA	85 mA
<b>Maximum Current**</b>	100 mA	130 mA	130 mA	125 mA	145 mA	145 mA
<b>Dimensions (H x W x D)</b>	120 x 76 x 27 mm (4.72 x 3 x 1.06")					
<b>Mounting</b>	US Gang Box					
<b>IP Rating</b>	IP54	IP65	IP54	IP54	IP65	IP54
<b>Operating Temperatures</b>	-20°C to 60°C (-4°F to 140°F)					
<b>Product Warranty</b>	2 years	5 years	2 years	2 years	5 years	2 years

**\*\* With heater ON, the current consumption increase by 480 mA**