

# Control Systems





## ET-Blu Mix<sup>®</sup> Enhanced Rolling Code Products

ET-Blu Mix® is a unique double encrypted transmission format developed by ET Nice, that gives the user the ultimate transmission security unhackable / uncrackable.

Transmitters Transmitters Transmitters Transmitters					
ROLLING CODE TRANSMITTERS		1los		Illus Illus	
Number of Outputs (Channels)	1	2	3	4	6
Code Format	ET-Blu Mix® and ET Blue©	ET-Blu Mix® and ET Blue©	ET-Blu Mix® and ET Blue©	ET-Blu Mix® and ET Blue©	ET-Blu Mix® and ET Blue©
Radio Frequency	404MHz and 434MHz	404MHz and 434MHz	434MHz	404MHz and 434MHz	404MHz and 434MHz
Transmission Range*	<400m	<400m	<750m	<400m	<400m
Application	Mobile/Remote	Mobile/Remote	Fixed Position, hard-wired third party switches	Mobile/Remote	Mobile/Remote
Unique Features	Lifetime warranty Robust FT-Blu Mix® = Unhackable, uncrackable	Lifetime warranty Robust FT-Blu Mix® = Unhackable, uncrackable	Compact Cost effective Triple transmission mode Lifetime warranty ET-Blu Mix® = Unhackable, uncrackable	Lifetime warranty Robust ET-Blu Mix® = Unhackable, uncrackable"	Lifetime warranty Robust FT-Blu Mix® = Unhackable, uncrackable"

#### **Receivers** RX1-RC RX3 2019 - RC RX3 CONDO 2019 - RC **RX2 Micro** Dimensions (mm) 98 x 51 x 27 40 x 34 x 19 98 x 51 x 27 98 x 51 x 27 **Operating Temperature (Celcius)** -20 to 50 -20 to 50 -20 to 50 -20 to 50 **Operating Voltage** 12v to 24v AC/DC 5v to 30v DC 10v to 30v AC/DC 10v to 30v AC/DC **Quiescent Current** <15mA <11mA <15mA <15mA **Maximum Current** <15mA <50mA <50mA <50mA **Number of Outputs (Channels)** 2 Type of Outputs Dry contact Relay FET Dry contact Relay Dry Contact Relay **Output Load Ratings** 400mA 1A Latch or Momentary **Output (Channel) Config. Options** Latch or Pulse Latch, Pulse or Momentary Latch, Pulse or Momentary **Programmable Pulse Length** 0,25 - 55sec 1 - 255sec 1 - 255sec **Human Machine Interface** Single LED and Jumpers Single LED and Push Button Digital Display and Push Buttons Digital Display and Push Buttons Number of User Codes ET-Blu Mix® and ET Blue © **Code Format Radio Frequency** 404MHz and 434MHz 434MHz 404MHz and 434mHz 404MHz and 434MHz · High current handling relay · Independent user editing. Independent user editing. **Unique Features** Compact Cost effective Last 30 transactions log. Last 30 transactions log. On power up, relays return to on/ off status they were in, when On power up, relays return to on/ off status they were in, when • Simple Energy efficient power failed. power failed. · Radio signal strength tester and Radio signal strength tester and diagnostics. diagnostics. User memory back-up via EEPROM copier.

### 4 Channel SMXI Plug-in Receiver





### **Unique Features**

- Compatible with both the ET-Blu Mix® and ET Blue© rolling code formats
   999 User memory
   Each user can be configured to use any amount of channels

- 434MHz operating frequency
   When used on an ET Nice swing control card, all programming can be done via the LED display interface
- · Can also be used with a wide range of Nice control cards

### Long-range Weatherproof Transmitters, Repeaters and Receivers



ET Nice TX2WP-RC 2-channel long-range outdoor transmitter

Durable, weatherproof housing

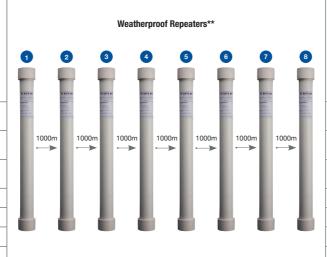
Nice range – up to 1 000 m (with clear line of sight and no radio clutter)

Nice, compact design - 70 x 70 x 30,5 mm

Class-leading energy efficiency

Rating: IPX4

Enhanced rolling code for uncrackable security





ET Nice RX2WP-RC 2-channel long-range outdoor receiver

Best security: ET Blu-Mix® code - Africa's only unhackable/uncrackable code

Compatible with all Nice products

Easy set-up

Nice price

- \*\* One transmitter and eight repeaters can cover a transmitting distance of up to 10 000 m (10 km) in a radio-clutter-free environment and with clear line of sight.
- The weatherproof devices are compatible with all ET-Blu Mix® rolling code transmitters and receivers.

## LTX Universal Fixed Code Learning Products

#### **Universal Learning Transmitters** LTX1 - 434 LTX4 - 434 LTX1 - 404 LTX4 - 404 Dimensions (mm) 64 x 38 x 14 -20 to 50 **Operating Temperature (Celcius)** -20 to 50 -20 to 50 -20 to 50 **Power Supply** L1028 12V Battery L1028 12V Battery L1028 12V Battery L1028 12V Battery Quiescent Current | 0A 0A 0A 0A **Maximum Current** <1uA <1uA <1uA **Number of Outputs (Channels)** 4 **Code Format** All Industry Standard Fixed Code **Radio Frequency** 434MHz 434MHz 404MHz 404MHz Transmission Range\* <400m <400m <400m <400m **Application** Mobile/remote Mobile/Remote Mobile/Remote Mobile/Remote Lifetime Warranty Robust Lifetime Warranty Lifetime Warranty Lifetime Warranty **Unique Features** Robust · Individual Code Format Per Button • Individual Code Format Per Button

Universal Learning Receivers					
UTX	NICE AND	RATION CARD SOLUTION  RATION CARD SOLUTION  TO COMMAND  TO COMMAND			
	RX1 - DL 434	RX1 - DL 404			
Dimensions (mm)	98 X 51 X 27	98 X 51 X 27			
Operating Temperature (Celcius)	-20 to 50	-20 to 50			
Operating Voltage	12v to 24v AC/DC	12v to 24v AC/DC			
Quiescent Current	<15mA	<15mA			
Maximum Current	<60mA	<60mA			
Number of Outputs (Channels)	1	4			
Type Of Outputs	Dry Contact Relay	Dry Contact Relay			
Output Load Ratings	3A	3A			
Output (Channel) Configuration Options	Latch or Pulse	Latch or Pulse			
Programmable Pulse Length	0,25 - 55sec	0,25 - 55sec			
Human Machine Interface	Single LED and Jumpers	Single LED and Jumpers			
Number of user Codes	31	31			
Code Format	All Industry Standard Fixed Code Formats	All Industry Standard Fixed Code Formats			
RAdio Frequency	434MHz	404MHz			
Unique Features	High Current Handling Relay     Robust     Universal. One Receiver = Different Brand Transmitters	High Current Handling Relay     Robust     Universal. One Receiver = Different Brand Transmitters			

#### **Keypads** F-Pad 02 Active Nice - NVGSC4-DAS F-Pad Nice - NVGSC4-RA Die-cast Aluminium Housing Material Die-cast Zinc Alloy and Stainless Steel Die-cast Aluminium **Brushed Aluminium** Ingress Protection IP65 IP54 Colour Colour Dimensions (mm) 120 x 77 x 35 85 x 75 x 37 4 Wire 4 Wire Operating Temperature (Celcius) -20 to 50 -10 to 50 Silver Extreme weather resistant Robust die-cast aluminium Brushed and anodized aluminium Keypad Labelling Numeric Numeric Power Supply | 12v to 24v AC/DC 3v CR2450 Slim elegant profile High definition colour camera **Quiescent Current** <100mA <311A High definition colour camera Wide angle lens **Maximum Current** <250mA <1mA Wide angle lens LED Night light compensation. (Down to 0.1Lux) Number of Outputs Dry Contact Relay Radio LED Night light compensation. (Down Backlit name tag and call button to 0.1Lux) **Output Load Ratings** 3A @ 12v DC N/A Stainless steel rain shield option available **Output (Channel Configuration Options** Latch or Pulse. Pulse length Programmable (1 Momentary to 99 sec) Transmission Code Format N/A ET-Blu Mix® or ET Blue© Transmission Range\* <400m **Physical Tamper Protection** No Door / Gate Monitor Input Yes, Channel 1 Only No Free Exit Button Input Yes, Channel 1 Only N/A LED Status Indicators Keypad Lighting Backlit Blue Overhead White (Daylight Sensor Controlled) Number Of User Codes 98 Channel 1, 1 Channel 2, 1 Bypass Code Channel 1

up to 8

Yes

Yes

No

No

factory default

User Code Digit length

**Duress Code** 

wipeout timer Unique Features

Multiple Random Code Hacking Lock-out Yes

Previous Incomplete or incorrect code

Key-press Tones Enable/Disable

1 - 8 digits

Yes

. Channels can be configured to work

together simultaneously

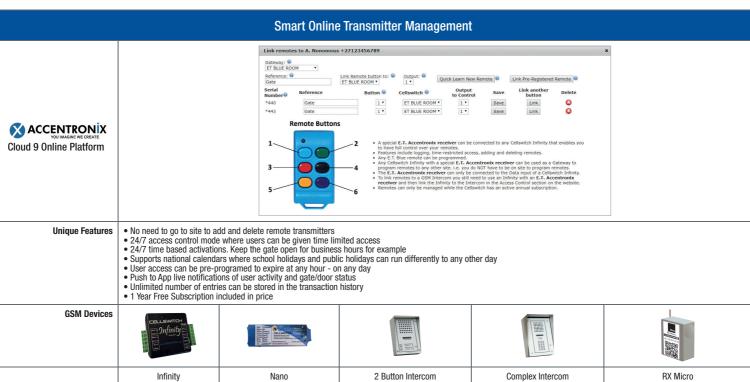
Bypass on Channel 1 Function

Configurable Alarm Modes

## **GSM Control**

· Locate just about anywhere - NO Cable

Automatic unpairing from Receiver in cases of



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<sup>\*</sup> Transmission ranges quoted are based on use in a radio clutter free environment and clear line of sight