A B S T R A C T

An installation (1) for identifying handled parcels (2), said installation including a linear conveyor (3) for conveying parcels (2) in series. The installation further includes a monitoring and control central unit (6) suitable for instantly determining the three-dimensional position of each parcel (2) on the conveyor (3), and at least one handheld electronic unit (8) that is suitable for detecting identification information (7) on a parcel (2) when it is placed in the vicinity of said parcel (2), and for transmitting said information (7) to the central unit (6). The central unit (6) is arranged to read an instantaneous three-dimensional position for said handheld unit (8) in response to receiving said information (7) coming from said handheld unit (8), and to detect a match between said instantaneous three-dimensional position of the handheld unit (8) and said instantaneous three-dimensional position of the parcel (2) as determined by the central unit (6).