



TEST CERTIFICATE

CERTIFICATE NO: EU1183/2241

ISSUE NO: 1
DATE: 12/8/99
COPY NO: 2

PURPOSE OF TEST: EMC IMMUNITY

TRL TEST WON: EU1183

TEST SPECIFICATIONS: EN55014-2:1997

EQUIPMENT UNDER TEST: DOOR INTERCOM SYSTEM

MODEL / TYPE / VERSION NO: STORM AXS-COM

EQUIPMENT SERIAL NO: ENGINEERING SAMPLE

TEST RESULT: CONDUCTED RADIO FREQUENCY IMMUNITY
(EN61000-4-6:1996)

LEVEL: 3V/m WITH 80% AM @ 1kHz

FREQUENCY: 0.15MHz - 230MHz

PERFORMANCE: NO DEGRADATION OF PERFORMANCE

CABLES TESTED: 1. MAINS INPUT CABLE
2. DC INPUT CABLE
3. INTERCOM TO PHONE CABLE

FAST BURST TRANSIENTS
(EN61000-4-4:1995)

LEVEL: ± 1kV MAINS CABLE
± 500V SIGNAL & DC CABLES

PERFORMANCE: AN AUDIBLE NOISE WAS HEARD DURING THE TRANSIENT APPLICATION. THIS IS COMPLIANT TO CRITERIA B WITHIN THE SPECIFICATION



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ELECTROSTATIC DISCHARGE
(EN61000-4-2:1995)

LEVEL: ± 4kV CONTACT DISCHARGE
± 8kV AIR DISCHARGE

PERFORMANCE: NO DEGRADATION
OF PERFORMANCE

SURGE IMMUNITY (EN61000-4-5:1995)

LEVEL: ± 2kV LINE TO EARTH
± 1kV LINE TO LINE

PERFORMANCE: NO DEGRADATION
OF PERFORMANCE

VOLTAGE DIPS AND INTERRUPTIONS
(EN61000-4-11:1994)

PERCENTAGE OF
REDUCTION: 60% FOR 200ms
30% FOR 1 s

PERFORMANCE: NO DEGRADATION
OF PERFORMANCE

MANUFACTURER/AGENT: KEYMAT TECHNOLOGY LTD
14 BENTINCK COURT
BENTINCK ROAD
WEST DRAYTON
MIDDLESEX UB7 7RQ

ORDER NO/CLIENT REFERENCE: 008258

DATE OF TEST: 18TH SEPTEMBER 1998 - 9TH JULY 1999

TESTED BY:  B SNAPE

APPROVED BY:  P GREEN
HEAD OF LABORATORY